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ALUMNI MONTHLY

FEBRUARY 1961



The Computing Laboratory See page 4

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FRONT COVER

OUR PHOTO shows the lobby of the new Brown University Computing Laboratory, suggesting the quality of its architecture but hardly able to give a hint of the wonders awaiting beyond the wall at the right. The Lab's Director describes some of the potential of this new research tool, in an article in this issue. We shall continue its story next month, for the building and its IBM 7070 have been among Brown's most exciting acquisitions in some time. (Photo by George Henderson '38, Brown Photo Lab.)



It is all fun . . .

WE SENT AN ARTICLE on the botanical varieties of collegiate ivy to Mrs. Henry D. Sharpe, thinking that she, as "the beautifier of the Brown Campus," might be interested. Acknowledging the bit, she added: "But please call me not a 'beautifier.' Sounds so like a beauty parlour where beauty is so often destroyed."

Then she went on to suggest the philosophy which has guided her in her wonderful work on behalf of the visible Brown: "I like to think I am a landscape designer, if not a landscape architect. It is form, rather than colour, and use of space to create a sense of space that is my great preoccupation. It is all fun, anyhow!" It must be the more so since Mrs. Sharpe has succeeded so well.

TOO LATE for a Christmas story? An old friend's return to Providence stoked up a lot of memories including this one about a three-year-old at one of those Nativity pageants at a local church. The child had been standing on tiptoe to watch, then made it to the seat of the pew, only to get down complaining for all to hear: "I can't see the Baby Jesus. There's too damn much hay."

WHILE WE'RE HARKING back to Yule and herald angels, here's a belated report on the Carol Service of the Classics Department, which continues to draw its overflow audience to Alumnae Hall and stimulates the finest singing of the season, all in Latin. The familiar, "While Shepherds Watched Their Flocks by Night," had been translated to begin: "Dum noctu humi praesident." Some fellow (vulgar in more than the classical sense) whispered: "That means 'Some dumb humans were knocking the President.'"

Tip on string . . .

A CERTAIN READER is smarter than we are (Voice: "Only one?"). . . . Anyway, he's richer by \$10, which is the amount paid by *The American Salesman* for "practical tested ideas drawn from many fields and submitted." He read how a Brown Class Agent (it was Joel Davis '56) had mailed out his messages in an envelope that bore a sketch of a hand with a real piece of red string looped over the index finger. As you may recall seeing in our pages at the time, the message inside said: "The attached string is merely to remind you that we have not yet received your Brown Fund contribution. Hope you'll 'string along.'"

THE KEY REPORTER of Phi Beta Kappa quoted recently from the *In Memoriam* column of an alumnae publication: "I kept in fairly close touch with her, though she did not answer my letters."

THE REV. EDGAR F. STAFF '53 received several phone calls recently that mystified him, for they were all from people looking for a lark. Finally, he looked in the classi-



fied ad section and found that his Church's phone number had been used in an offering of a 1959 Lark ("wonderful buy").

A MOTHER was quoted in the *Pennsylvania Gazette* after she had paid a visit to her son: "You should see Tom's room. You know most college boys' rooms have the same old stupid stolen things in them. Tom's is different . . . it has really interesting stolen things."

Prize heading . . .

PERIODICALLY someone asks us why we persist in using such a quaint heading as "Brunonians Far and Near" over our department of personal items. Well, as we've said before, this magazine carried that banner over its first class notes 60 years ago, and we just haven't the heart to change.

A recent inquiry, however, led us to see what some of our contemporaries were calling such departments. We found: "Alumni Newsmakers," "Keeping up with the Old Grads," and the simple "Class Notes." Rollins speaks of it as "Classified Information," but our John Doe Award for 1961 goes to Utah, which carries the heading, "U Alumni Around the World." Our prize, however, is based on the delightful lower-case subheading: "when i knew him, he was nothing but a bum."

TALKING on individuality in Sayles Hall recently, President Keeney came to the interesting subject of beards. While we can't attempt to quote verbatim, the burden of his remarks was something like this: Some of you have already made the inevitable attempt which all men must make some time or other, when you must test your manhood by growing a beard. Often, it seems, a beard becomes a protest against society's conventions; then all non-conformists conform to that anti-habit habit. Suddenly, however, a Castro appears on the stage with a beard, with the resulting syllogism that, since Castro is a Communist, all bearded men are Communists. This is not altogether true. "I assure you," said Dr. Keeney, "that some of the bearded men whose portraits hang here in Sayles were not Communists." Looking at the faces of Walter Everett, John Lincoln, and Charles Evans Hughes, the students got the point.



COMMENT on the Rose Bowl game by an alumnus of the University of Michigan: "It's about like anything else that is cooked up at Thanksgiving, stored in a deep freeze, and warmed up for New Year's."

MAX GORDON, the theatrical producer, was talking at one of the Resident Fellows' Luncheons at Brown recently when he said: "I'm firmly convinced that God created Shakespeare 400 years ago to make sure that Hollywood wouldn't get him."

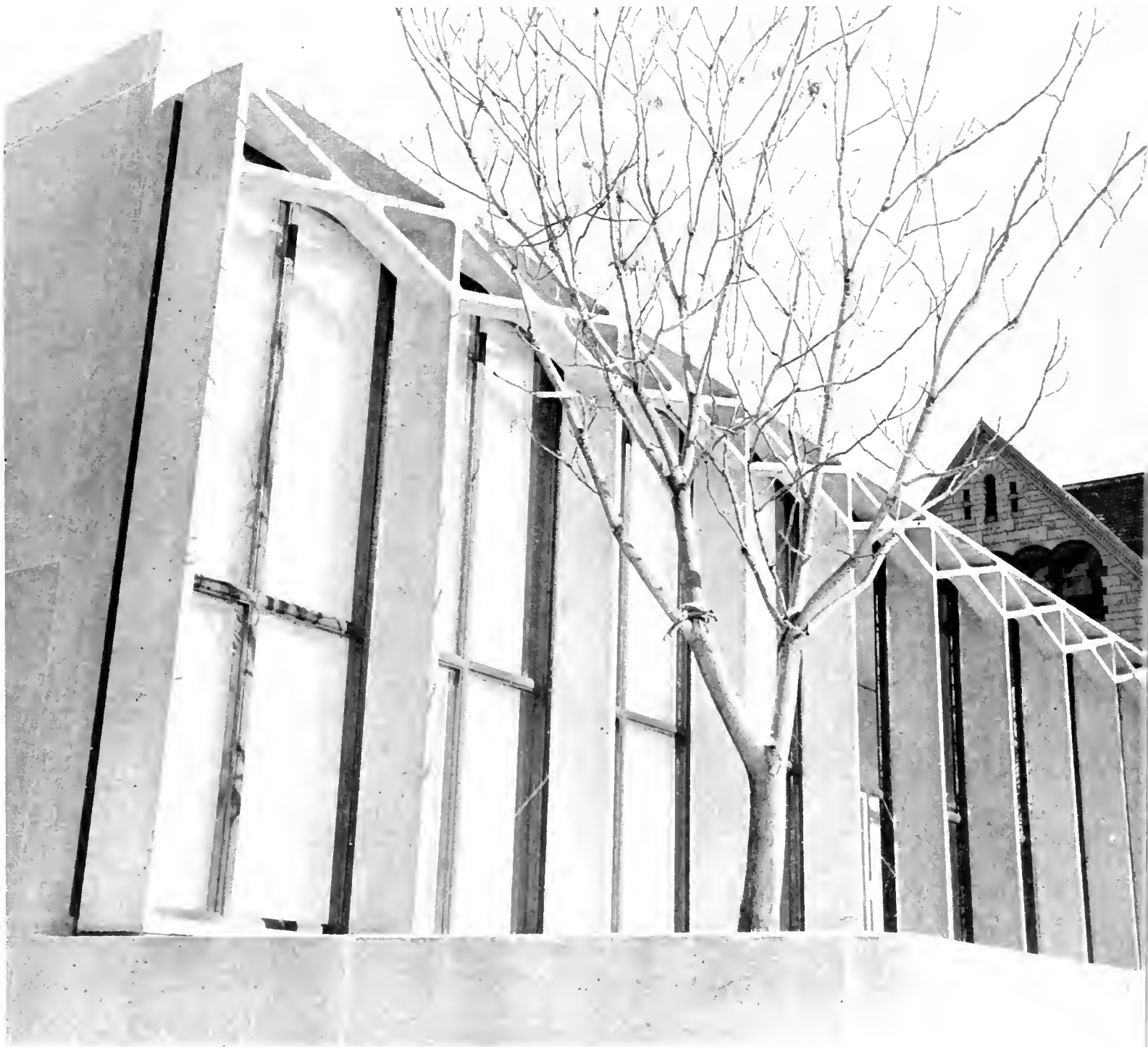
THERE DIDN'T SEEM to be too much to say about the basketball game, and they were on their way out of Marvel Gym. And she said: "Well, they won it." And he said: "Only on points."

IT IS ONLY FAIR to keep his identity a secret and his reputation unsullied, but an alumnus sent a postcard from a Pacific cruise after witnessing some native dances and ceremonials. His comment: "Two sarongs don't make a rite."

BUSTER



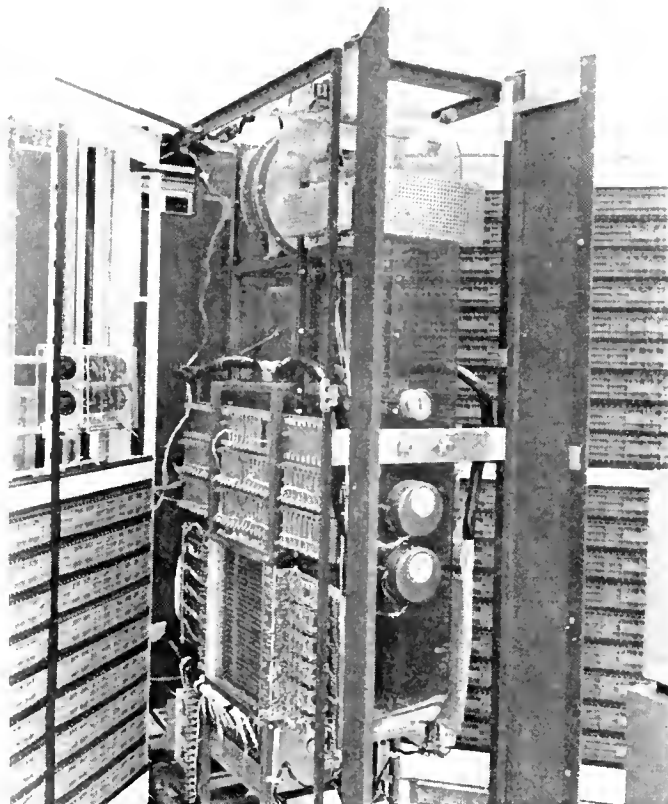
STIGMA ON BEARDS



COMPUTING LAB

Wherein a marvelous new tool is ready to serve research.

BBROWN UNIVERSITY'S new Computing Laboratory was dedicated last month, a \$350,000 home for the million-dollar IBM 7070 and those who will use it. The center at Brook and George Sts. is the gift of Mrs. Thomas J. Watson and her son, Thomas J. Watson, Jr., '37, and adds further importance to the work of the Applied Mathematics Department, which operates it for the benefit of research in its own and many other fields. The 7070 is the first to be owned by a university on the Eastern seaboard. Its purchase was made possible by a \$350,000 grant from the National Science Foundation and a generous discount from International Business Machines Corporation. Since the dedication took place after our deadline for this issue, we shall describe it next month and go into some detail about the Laboratory itself.



AMONG THE FIRST VISITORS: Donor Watson and Dr. Keeney with Prof. William Prager, Director.





DEDICATION: "to the human use of human beings."

ITS ROLE:

Service Facility or Research Center?

By PROF. WILLIAM PRAGER
Director, University Computing Laboratory

WITH ITS DEDICATION on Jan. 12, the Brown University Computing Laboratory officially started serving the University. It is, therefore, appropriate to examine the potential role of this kind of establishment in a university.

In attempting to do this, we must not forget that it is only about a dozen years since electronic computers with stored programs were first constructed. The all-transistorized IBM-7070 System in our new Computing Laboratory is one of the first representatives of the second generation of these computers. To predict at this stage the full impact of these machines on our society is as hopeless a task as it would have been to predict the impact of the printing press, a dozen years after its invention. In fact, as we go back through the centuries reviewing the great inventions that have shaped our civilization, it is not until we come to the printing press that we find one with as all-pervading an influence as electronic data processing systems are likely to have.

Let us briefly review some accomplishments and promises of these systems. Although they use punched cards and other devices originally developed for business applications, they owe their existence to the desire for greater speed in scientific computations. The need for greater speed usually stems from the fact that computations performed to forecast an event or sug-

gest an action will not do us any good unless their results become available before the event occurs or the action is required. Numerical weather prediction illustrates this point. The physical laws governing the motion of the atmosphere, the formation and dissipation of clouds, precipitation, and so on, are well known. Using these laws, we should be able to forecast tomorrow's weather from observations made today over a sufficiently dense and far-flung net of weather stations. If, however, the necessary computations took a week, their results would only be of academic interest.

Both a Science and an Art

Many other instances could be cited, in which computations would be useless if they could not be performed with electronic speeds. On the other hand, there is a vast area of scientific computation, in which speed is less essential. Here the computer performs calculations that have in the past been done by hand, slide-rule, or desk calculator. Aside from freeing us from the drudgery of such work, has the electronic computer any contribution to make to this area?

To answer this question, one must appreciate that traditional numerical analysis is both a science and an art. As a science, it should clearly specify the mathematical features of a proposed method of computation. Typical questions are: how is limited accuracy of the data reflected in the result, or how do round-off errors accumulate during the computation? Though easily formulated, these questions are often hard to answer and may require protracted study. Meanwhile, the numerical problem on hand may have to be solved without full insight into the mathematical properties of the method used. This situation is typical: it has produced a great number of practical rules that have been handed down to us by earlier practitioners of the art of computing. While many of these rules can be rationalized to some extent, others merely express practical experience. This experience is often rather limited, and on closer inspection practical rules that have been repeated in textbook after textbook are in fact found to lack general validity.

Using electronic computers, we now can greatly accelerate the accumulation of practical experience with old or new methods; we can test their performance in situations, where mathematical theory is as yet unable clearly to predict their power. Experiments in computation will not only assist us in the elimination of worthless practical rules, they will also interact with the theory of computation in very much the same manner in which experiments and theory interact in physics or chemistry.

A Revolution in Teaching, Too

Because they enable the student to experiment with a variety of methods for solving a given problem, computers will revolutionize the teaching of numerical analysis. When students had to familiarize themselves with the methods of this discipline by doing sample computations with pencil and paper or, at most, a desk calculator, the instructor was severely limited in the choice of examples, most of which were unavoidably of lesser size and complexity than those encountered in the sciences. Even so, the individual student could rarely afford to apply more than a couple of methods to the solution of a specific problem. If small groups of students agreed to attack the same problem with different methods and compare their results, the class could gain some collective experience. It would be far preferable, however, to have the individual

student try a variety of methods on a number of carefully selected problems, and electronic computers now make this possible.

There is of course a price the student will have to pay for gaining this wider experience: he must be willing to master a language in which his problem can be stated to the machine. In the early days of automatic computation, this was far from being an easy task. In recent years, however, command languages that closely resemble the symbolic language of mathematics have been developed. While at present these languages are tied to specific brands of computers, work on an international algorithmic language is in progress.

I have dwelt on scientific computation because it is in this area that we can already point to a solid core of accomplishments. We must however beware of taking it for granted that the principal impact of computers will be in this area. In fact, the term "computer" reflects but one facet of these versatile machines, whose function is more adequately described by the statement that they *transform information*. In all computing and many data processing applications, numerical information is transformed into numerical information. In machine translation, on the other hand, verbal information stated in one language is transformed into its equivalent in another language.

Translation by Machine

Among the demonstrations prepared for our open house at the Computing Laboratory, there was a very simple example of a machine translation, not from a foreign language into English, but from the digital representation of a number to the corresponding English words. In programming the machine to do this, we must keep in mind that for instance the digit 3 cannot always be translated by the word "three"; depending on its position and on the preceding digit, it may have to be rendered as "three", "thirteen", or "thirty". Since we are however able to formulate clear and unequivocal rules for this, we can achieve fully automatic translation of high quality in this extremely narrow field.

When we attempt machine translation of source material selected from a less restricted area, we soon realize that linguistics is not yet sufficiently developed to equip us with equally clear rules for this task. All the same, the feasibility of machine translation that requires only a moderate amount of human editing has already been demonstrated.

It is still controversial whether fully automatic translation of high quality will become possible, even if we restrict ourselves to a comparatively narrow field of science with a limited and well-defined vocabulary. The obvious difficulties of this task are aggravated by the fact that the author of a scientific paper may introduce new terms, that is, he may endow common words of the source language with new special meanings in the context of his work. In the machine's memory, there will be no equivalents for these words in the target language when they are used with these special meanings. Can the machine expand its vocabulary by arbitrarily but consistently picking one of the target equivalents of the source word and marking it by say an asterisk, when the new meaning is intended?

Automatic Abstracts; Information Retrieval

We have considered machine translation as an example for the manner in which computers can transform information. The automatic preparation of abstracts of scientific docu-

The Fund at \$11,000,000

YEAR-END contributions to the Bicentennial Development Program of Brown University carried its total across the 11-million-dollar mark, it was announced on Jan. 5 by the National Chairman, Thomas J. Watson, Jr., '37. Without the giant lift of any spectacularly large gift, a month's campaigning had increased by \$500,000 the climb toward the capital campaign's goal: \$15,100,000. The total on Jan. 5 was \$11,040,587.

The number of contributors also rose—from 6,263 to 8,012, about 37% of the prospect list. New campaign areas will get "active" status in 1961.

ments furnishes another example. Here a document is abstracted by having the machine select a few key sentences that are particularly rich in content. Though this richness is judged by superficial criteria based on word frequency, such an abstract can convey an astonishingly good picture of the contents of the document. By making the machine select key words rather than key sentences, we may be able to indicate the area with which the document is concerned in a way that proves useful in automatic literature searching.

Since the beginning of the 19th century, the number of scientific publications has increased 10 fold every 50 years with amazing regularity. Thus, only if the efficiency of information retrieval had similarly increased every 50 years, would our scientists be as well informed about the contemporary scientific literature as were their predecessors some 150 years ago. Until the advent of electronic computers, actual progress in information retrieval had fallen far behind this modest goal.

There are many other fields in which improved techniques of information retrieval will pay dividends. For instance, it would be difficult to find a corpus of careful observations of which so little use is made in comparison to its tremendous size as the hundreds of millions of case histories that hospitals all over the world accumulate each year. Better searching techniques applied to this wealth of information could greatly assist the diagnostician. The search for legal precedents or conflicting patent claims are other fruitful fields of application for the new techniques.

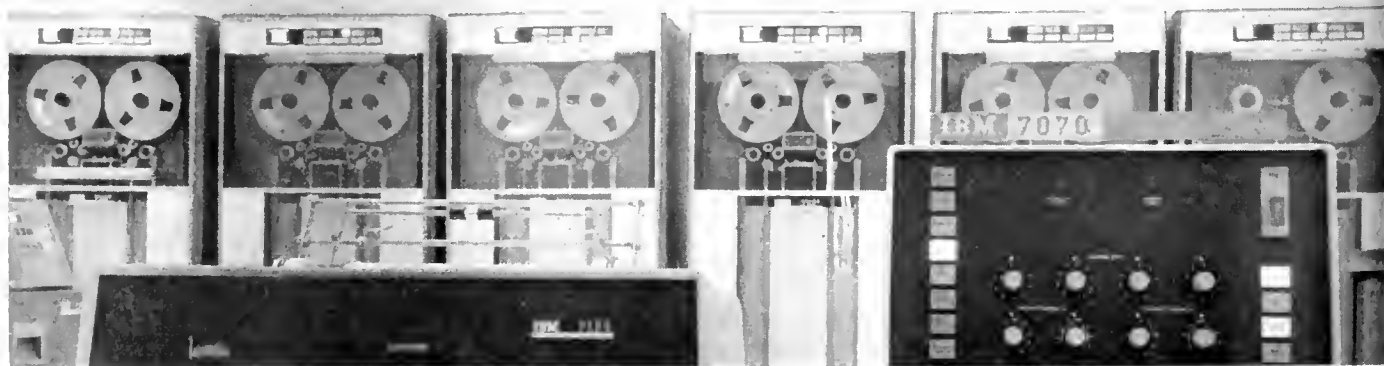
The computer's ability to create a wealth of synthetic experience at high speed will obviously be of great value to business and industry in situations where there are doubts regarding the effect of a proposed change in procedures. For instance, to find out whether the adoption of a new system of production scheduling and inventory control would be worthwhile for a manufacturing company, we can employ the computer to simulate several years of operation under both the old and the new procedure using a past or predicted pattern of sales. Instead of considering just one preconceived new procedure, we could even investigate an infinity of procedures that depend on a number of parameters, having the machine periodically re-examine the situation and modify the procedure in accordance with changing market conditions. Though this may be a greatly oversimplified example, it indicates the possibility of an integrated control system that handles the day-to-day operations of a company smoothly and rationally, leaving management free to concentrate on the development of long-term policies.

The Laboratory's Role in a University

Space does not permit my mentioning other applications. I hope, however, that, sketchy though they had to be, my remarks have laid a foundation for the following thoughts.

Our Computing Laboratory can obviously render important services to the university community by speeding up conventional computation and data handling in connection with academic research projects and administrative tasks. There will, in fact, be considerable pressures to use it largely in this area where the cost of operating the laboratory can be offset against the value of its services. It would however be a tragic mistake if we treated our new laboratory merely as a service facility that processes data for the departments much in the same manner in which the stenographic office handles printing and mimeographing. This is unfortunately the way in which computing installations are often used in business and industry, because it is short-sightedly held that they must earn their keep, not on a long-term basis but day by day.

At a university, the computing laboratory has a more vital role to play: it must become a center of research bringing together students and scholars from many disciplines with representatives of local government, business, and industry, all dedicated to the task of exploring the enormous potential of modern computers to make man the master rather than the slave of systems which he created to cope with the complexities of modern life. If a motto should be desired for the new laboratory, I cannot think of a better one than this: to the human use of human beings.



The Biology of the Skin

A grant will enable Brown to expand a notable program

A GRANT from the United States Public Health Service that will total \$333,000 over a 5½-year period has been received by Brown University to underwrite a program of graduated training in biology of the skin. Director of the training program, which is already in progress on a limited scale, is Dr. William Montagna of the Biology Department, a scientist whose research work in skin biology has earned him a world-wide reputation. Assisting Dr. Montagna in organizing the new program is Dr. Richard A. Ellis, Assistant Professor of Biology.

The initial portion of the Public Health Service grant is \$73,143 and covers the period from Jan. 1 this year to June 30, 1962. The remainder of the grant will be made available in four annual allotments through June 30, 1966. More than half of the total grant, or just under \$200,000, is to be used in the form of fellowships, scholarships, and allowances for students and visiting scientists who come to Brown to work under Dr. Montagna and his staff.

Currently enrolled in the training program are five graduate students and Dr. Tsuyoshi Aoki, a Japanese physiologist. Dr. Aoki, whose specialty is the physiology of sweating, will return to Japan next August, but four other post-doctoral fellows are expected to join the skin biology program at about that time, Dr. Montagna said. In addition, the number of graduate students in the program will be increased by three next fall.

A fairly large proportion of the initial allotment of the grant is being invested in research equipment, much of which will be installed in a room in the Arnold Biological Laboratory that has been set aside for graduate students in the training program. An example of this equipment, which is essential for the refined techniques that undergird modern biological research, is the cryostat. This machine is "a freezing box" that operates at an internal temperature of 26 degrees below zero. It enables the researcher to prepare exceedingly thin slices of fresh tissue which can then be used for such purposes as the study of enzyme action in individual cells.

"Brown is as well equipped as any place in the world for research in skin biology," Dr. Montagna says. "The training program being underwritten by the Public Health Service is designed to indoctrinate all trainees in the major aspects of the structure, composition, and function of skin. Surrounded by a staff whose specialties, disciplines, and backgrounds in investigating skin are varied, the trainee may come to appreciate better the complexities of skin as an organ."

Among the investigative techniques with which all trainees will become acquainted are the use of the electron micro-



WILLIAM MONTAGNA: "Brown is as well equipped as any place in the world for research. Now we can do more training, too."

scope and radioactive isotopes. Through the use of these isotopes it is possible to make precise studies of the uptake and utilization by the skin of such biologically active agents as hormones and vitamins. Dr. Montagna says there will be ample opportunity for students to investigate the effects of radiation on the skin. Studies in that area will be directed by Dr. Herman B. Chase, the Robert P. Brown Professor of Biology.

Eventually, Dr. Montagna says, trainees will be able to complement their work at Brown by participating in an exchange program that is now being arranged with skin research laboratories at the University of Pennsylvania, the Mayo Clinic, and Boston University.

Dr. Montagna, who recently was named an L. Herbert Ballou University Professor, has been a member of the Brown Faculty since 1948. Soon after arriving at Brown he initiated an annual symposium on the biology of the skin. The symposium, held each year in January, attracts scientists from all parts of the United States and from abroad. Last year his alma mater, Bethany College of West Virginia, awarded him the honorary degree of doctor of science and cited him as "one of the leading anatomists in America."

SHOULD BROWN HAVE A MEDICAL SCHOOL?

The pressures increase:
the question will be answered.

By SELIG GREENBERG, '27

THE BROWN UNIVERSITY CORPORATION probably will be asked at its meeting next June to decide whether Brown should establish a medical school. This was learned in interviews with Dr. Barnaby C. Keeney, University President, and Dr. Glidden L. Brooks, Director of Brown's Institute for Health Sciences, who is heading up a study now underway on the feasibility of a venture into the field of medical education.

Among the topics under study are reported to be these questions:

1. Would it be financially feasible for Brown to establish a medical school?
2. What kind of medical education program would be most practicable and useful, in the light of both the nation's overall needs for medical personnel and of Brown's character and educational resources?
3. How much money would it take for the kind of program deemed most desirable and where would that money come from?

Although financial estimates are said to be still far from firmed up, it is reported that it may take anywhere from \$20,000,000 to \$40,000,000 to build a medical school and to assure its operating income. The lower figure is an estimate mentioned for a two-year school and the higher is for a four-year school.

Inquiry by Two Study Teams

These and related issues have been actively under examination since June by two study panels and six consultants, all of them from outside of Rhode Island. Dr. Brooks describes the consultants as "people of importance in the field of medical education" and said most of them are or have been deans of medical schools. One of the study panels is reviewing the financial aspects of a medical school, according to Dr. Brooks, while the other is concentrating on "the type of program we should have and its impact on the University community." The exploration is being conducted under a \$30,000 grant from the Commonwealth Fund "to study the feasibility of a program in medical education at Brown University."

Dr. Brooks said he wanted to emphasize that "this is not a grant to plan a medical school. It's a grant to see what is the proper thing that Brown can and should do." "We are studying," he declared, "what is feasible, which could range all the way from simply altering our program of pre-medical education to setting up a complete medical center, including building our own hospitals. Quite clearly, if we do anything, it'll probably be somewhere in between."

Under consideration, it is understood, are a two-year medical school, whose graduates would have to complete their training elsewhere, and a four-year school. It also is reported that if a decision is reached to establish either kind of medical school, the program is likely to represent a new departure in the field of medical education. One possibility is that the em-

phasis in the new school would be on the training of medical research scientists and teachers of medicine rather than of medical practitioners.

While stressing that the final decision rests with the University's Corporation, Dr. Brooks said he personally feels that "Brown probably is the single best place" in the country for a medical school among universities still without such schools.

President Keeney's Only Comment

"As soon as the panels report," Dr. Keeney said, "I shall take the reports to the Advisory and Executive Committee of the Corporation, which meets monthly, and discuss it with them. They will undoubtedly wish to communicate directly with the panels. If the reports come soon enough and if the Advisory and Executive Committee's deliberations have gone far enough, we will take it to the June meeting of the Corporation with a report which may be a recommendation either for or against action in the matter or a recommendation that further study be conducted. The Corporation itself may take action at its June meeting or lay action over until its October meeting."

While Dr. Brooks was reluctant to discuss specifically the amount of money that would be involved to launch and operate a medical education program, the financial picture is reliably reported to shape up like this:

It would take about \$20,000,000 to set up the equivalent of a two-year medical school and nearly twice as much for a four-year school. This would include the cost of construction of buildings and the funds required to pay Faculty salaries and to develop the program. It now costs between \$1,000,000 and \$1,500,000 a year to operate a top-notch two-year medical school. Average annual expenditures for the basic operations of a four-year medical school now amount to about \$2,500,000.

Where would the money come from? Here, again, Dr. Brooks declined to go into too much detail, but he implied that considerable potential sources of financial support appear to be available. Among these he listed private foundations, support from industry and federal grants.

New Legislation Would Be Necessary

The National Institute of Health, the research arm of the U. S. Public Health Service, now annually awards many millions of dollars in grants for medical research and for the training of research personnel. There is no provision under existing law, however, for Federal grants for medical school construction or operation. Rhode Island's Representative John E. Fogarty, who has unsuccessfully sponsored such legislation in the past, introduced a bill on the first day of the new Congress.

"Looking into the future," Dr. Brooks observed, "it's quite clear that some type of aid to medical education is going to be demanded by the people of this country." But he added that "even under existing Federal programs, there are resources that are of great aid to medical education."

If Brown decides to set up a medical school, it is believed that the Institute for Health Sciences headed by Dr. Brooks will become its nucleus. The institute, established in 1957, already administers a number of Federal research grants that could be transferred to the new medical school.

Brown is reliably reported to have applied for a large Federal grant for a research center which would concentrate

on the study of the socio-economic aspects of health in aging. If the grant is approved, as it is believed likely to be, the new research center also could be affiliated with the medical school.

A basic component of a medical school is one or more teaching hospitals. Dr. Brooks said that while "formal" discussions with hospitals that might become affiliated with a medical school have not yet been reached, "we're making certain assumptions on the basis of past associations."

150 Years Ago Brown Had One

In discussing the genesis of the idea of a medical school at Brown, Dr. Brooks recalled that the university actually had such a school from 1811 until 1827. Brown's medical school was closed down when it ran afoul of a new policy established by Dr. Francis Wayland as he became President that required all Faculty members to be full-time University employees and to live on the campus. "Ever since," Dr. Brooks said, "sporadic attempts have been made to revive the medical school, either at Brown or elsewhere in Rhode Island. This uniformly came to nothing for two very valid and interconnected reasons—Brown and the Rhode Island Medical Society consistently felt they didn't want one unless it was of top rank and quality, and to establish such a school it would have taken a lot of money." But lately "the climate has changed," Dr. Brooks declared, and "there have been increasing pressures" from various sources upon Brown that it do something about the matter in view of "the obvious need for more medical schools."

These pressures, it is reported, did not exactly come at an ideally opportune time for Brown. The University had just launched its Bicentennial Development Fund drive for \$30,000,000—half of it for new buildings and the other half for endowment—and it was concerned that talk of a new medical school and of additional financial needs might have an adverse effect on the huge fund-raising effort.

Such fears, it is reported, are now beginning to subside to a considerable extent. The \$15,000,000 construction phase of the Bicentennial Fund campaign is scheduled to be terminated next July. The endowment phase of the drive will probably continue until 1964. But as possible sources of support for a medical school have become crystallized, there is less concern over interference with this effort.

In the meantime, pressures for a medical school have steadily risen. "A medical school at Brown," as one man thoroughly familiar with the situation has put it, "is virtually inevitable when you take into consideration the stirrings around the country for more medical schools to relieve shortages of skilled personnel, Brown's strong position as an independent university and the excellent medical service facilities already available in this metropolitan area."

As to the kind of medical school that would be set up if the corporation makes an affirmative decision, Dr. Brooks said, "this would offer a unique opportunity for some new departures." He referred to the "great ferment" and the numerous experiments now under way in many of the existing medical schools as they seek to readjust themselves to new demands and the rapid expansion of medical science. With a new start, he said, Brown would have an unusual opportunity "to concentrate on high quality, with emphasis on training for leadership and for teaching and research in medicine."

Selig Greenberg's article originally appeared in the Providence Evening Bulletin.

WRISTON: "Functionally incompatible"

EXTERNAL PRESSURE" upon Brown University has led to its study of the feasibility of establishing a school of medicine under its auspices, President Keeney said recently. But he added that there has also been "strong internal interest." He included a paragraph on the subject in his Report to the Corporation last October; alumni have read this statement as incorporated in the December issue of this magazine.

"A study has been started," he wrote, "to determine whether or not a medical school at Brown is feasible and, if so, what kind of medical school it should be. This tentative step has been the result not only of external pressure on the University to provide medical education of high quality but also of strong internal interest. The desire for Brown's entry into this field is not restricted to the local community: it is evidently national in scope. There are very few first-rate universities in the country that do not have a medical school and can add one and thereby contribute to the solution of one of the real problems of our society."

We recall only one other statement on the subject from a University officer in modern times. President Wriston was writing in 1946 about "The University College," in which, at the direction of the Corporation, he discussed Brown's educational fabric in a message to the alumni. Pointing out that Brown occupied a unique educational position, as a university college, he said:

"The university college differs in organization from most American universities, which are exceedingly complex. Be-

tween the two wars, the structure of the characteristic university became vastly more complicated, for State institutions burgeoned both in prosperity and depression. They grew during the booming twenties, sharing the belief that 'bigger' and 'better' were synonymous. . . ."

A consequence of professional and technological emphasis in such universities, Dr. Wriston said, was to blanket the liberal arts: "In many universities even the name 'college of liberal arts' has disappeared; in others the unit which bears that name is on the defensive."

"Against the tendency to allow the liberal arts to occupy a secondary position, Brown has been almost uniquely emphatic," Dr. Wriston pointed out. "Brown, for example, is one of very few members of the Association of American Universities which incorporates even engineering education within the liberal arts college instead of segregating it in a separate school. In the nearly 200 years of its existence, Brown has experimented with a medical school, with agriculture, with forestry, and with business administration; each was dropped because it proved fundamentally incompatible with the University's major obligation. Brown is convinced that the impairment of the liberal program does not pay adequate dividends on the technical side and impoverishes education in terms of social effectiveness. The University has concentrated its energies deliberately and with more and more conviction and assurance upon the undergraduate colleges of liberal arts and graduate work in the arts and sciences."

FOGARTY: "If we want it enough . . ."

THE BALLOON went up in June, 1959. Congressman John E. Fogarty brought his campaign for a Rhode Island medical school right to the Brown Campus when he broached the subject at Commencement. His statement, made during his address on "Public Responsibilities in Science and Education" at the Graduate School Convocation, was the first public proposal of its kind to receive widespread attention. More recently, Representative Fogarty has said that Brown is much nearer to having a medical school than most people realize. In University Hall, however, no one is making predictions about what the two study panels will recommend to the Brown Corporation.

In his 1959 address Congressman Fogarty cited a Government report which estimated the country's needs as between 15 and 20 new medical schools. It would cost half a billion dollars to bring them into existence, too, and the indication was that Federal funds would have to bear at least a part of the construction expense.

"Some day," the speaker said, "I believe that one of these medical schools should be established in this State, preferably right here at Brown. I realize that this recommendation cannot be taken lightly, and I assure you that it is not offered without serious consideration. The location and operation of a medical school entail considerable responsibility. What are some of these responsibilities? First, a medical school is an institution for the training of gifted young men and women to practice the greatest of all healing arts. Second, it is a haven for community services related to and including the

practice of medicine. Third, it is a point of focus for medical research. And, fourth, it is most often an extension of a university, expanding and strengthening the university's traditional role as intellectual and cultural center for its community.

"I do not pretend to know how Rhode Island can develop its own medical school. I do not know when it can. But I do know THAT it can. For ours is a proud and progressive State, and Brown University has a tradition of progress and forthright action. If we want it enough, we can have a medical school and cease to be one of the nine States which do not have one today.

"There are many critical problems to be considered: How would the new construction be financed? Would the Federal Government make funds available without insisting on a degree of control? Could effective working relations be developed with local hospitals and physicians? I intend to see that the answers are sought. I am confident that once again we shall be successful in expressing the public need and carrying out the public responsibility in this important cause."

The State's Cooperation Pledged

There was no official reply in public from Brown University, and there was one very good reason for the silence: no money was in sight to build for medical education nor endowment for the most expensive form of education known. If there were private conversations, their nature was not divulged. It was obvious, however, that the University would

not have asked for a study on the subject merely as an exercise in speculation.

Selig Greenberg's article in the Providence *Evening Bulletin* of Dec. 31, reprinted elsewhere in this issue, brought the matter out into the open again. He anticipated by only three days a reference at the Rhode Island State House, where Governor John A. Notte said in his inaugural message:

"It is my firm belief that Rhode Island will develop into a center of medical learning. . . . I have already been in contact with the committee presently considering the feasibility of a medical school at Brown University. I have directed my designee as Director of Health (Dr. Joseph E. Cannon) to assure the committee all State cooperation possible to make the medical school a reality. The full facilities of the State—our hospitals, laboratories, and trained personnel—will be available to the medical school for training purposes. I know such a school cannot help but contribute to an over-all raising of the level of medical care, public and private, throughout the State."

As Soon As Congress Convened

Congressman Fogarty was ready when the 87th Congress convened in Washington. On the opening day, he re-introduced legislation which would provide for \$100,000,000 in Federal grants for the construction of new schools of medicine, dentistry, and public health. He told a *Journal-Bulletin* correspondent that the measure, if enacted into law, would apply to the "proposed Brown University medical school now under consideration by University officials." The sponsor said the similar bill he introduced in 1959 received "no support whatever from the Eisenhower administration," but he hoped for more favorable action by this session of Congress. As a candidate for the presidency, John F. Kennedy had been on record in favor of such legislation, he said. In addition, Mr. Fogarty had reason to believe, he indicated, that the American Medical Association, which has opposed such measures in the past, may modify its position this year on construction aid.

The Fogarty Bill would enable the Federal Government to grant up to two thirds of the cost of construction of new medical schools during the next 10 years. The bill would also provide for planning grants of not more than \$25,000 for the preparation of initial plans and estimates for proposed new construction. Mr. Fogarty is Chairman of a House Subcommittee on health and welfare appropriations. He intended to introduce other bills which would provide Federal scholarship aid for medical students and Federal assistance to meet operating costs of medical schools.

Explaining his action in a statement for the *Congressional Record*, Congressman Fogarty said the nation will face a shortage of 15,000 physicians and 15,000 dentists by 1975. Other estimates show, he added, that the output of the nation's medical schools must be increased by 50% in order to maintain the present ratio of 141 physicians to 100,000 of population. "It is futile to pretend that any other segment of America's economy will meet this need (for medical school construction) without some Federal assistance," he said.

Mr. Fogarty said he felt the Federal program might be especially helpful to Brown, where existing hospitals can be used as training facilities and where the new construction can therefore be limited to meeting classroom and housing requirements. His understanding was, he said, that a medical school could be established at Brown with the construction of only one additional building.

Why Did It Fail Before?

Just 150 years ago, Wayland killed off the Medical School

WHAT HAPPENED to the Medical School at Brown University in the 19th century? Speculation about a modern program of medical education at the University sent the curious to consult two obvious references: the pages of Bronson's "History of Brown University" and a series of three articles written in 1955 by Dr. Seebert Goldowsky '28 in the *Rhode Island Medical Journal*.

The program began in 1811, and apparently this Medical School was founded on nothing but good will and student fees, as Bronson expressed it. He could find no record that the Corporation even considered salaries for the medical professors for several years. "The truth is that these men were lecturers only, and their duties at the College did not interfere seriously with their practice, while the distinction of holding professorships was doubtless of some pecuniary value to them as physicians."

The standard of medical education in this country was then low, but "even by contemporary standards" the Brown University Medical School was open to criticism. A letter to the Corporation in 1815 from an "Alumnus Brunensis" was properly frank: Only two medical students had as yet completed the course and taken their degrees, and the Faculty was still "but half made up." He proposed that professors receive salaries, instead of being humiliated by precarious dependence upon fees; lectures by non-resident professors ought to be supplemented by a study of textbooks and a drilling by tutors. (Lab work and clinics were not even hinted at.)

Action Followed in a Few Weeks

One might speculate that this letter prodded the Corporation into action, for the Faculty was strengthened straightway. "Its professors were able men of excellent training," says Bronson. "Professor Solomon Drowne was a graduate of the University of Pennsylvania Medical School, served as a surgeon in the Continental army, and studied under eminent physicians in Europe for four years; he was also a famous botanist, having a remarkable botanical garden at his home on Mount Hygeia, in Foster. (He was professor of materia medica and botany.) William Ingalls was another of the three original appointments, professor of anatomy and surgery. He took the degrees of A.B., M.B., and M.D. at Harvard, was a prominent Boston physician especially skillful in surgery, and one of the earliest opponents of the practice of bleeding.

"William C. Bowen, professor of chemistry, who came of a family of eminent Providence physicians, was educated in Rhode Island College and Union College, studied and practiced in Providence, and then went to Europe, where he took a medical degree in the University of Edinburgh, studied in Paris and was a private pupil of the great London surgeon, Astley Cooper."

(Continued on next page)

His successor, Professor John D'Wolf of Bristol, studied in Brown University but did not take a degree; his knowledge of chemistry was acquired chiefly under Dr. Robert Hare of Philadelphia. A member of the Class of 1826 wrote of him as an exceptional lecturer: "He always had a full attendance. He opened to the eyes of the student, in his peculiarly attractive manner, the wonder of a new and brilliant science. Sometimes in drawing practical deductions from the science he was teaching, he would suddenly electrify the class by illustrating its truths in glowing and eloquent words, so impressive and graphic as not to be easily forgotten." He also gave popular courses of lectures which drew large audiences in Providence, New Bedford, and Savannah. He later held the chair of chemistry in medical schools in Vermont and St. Louis.

A Brilliant Company They Made

Dr. Levi Wheaton, professor of the theory and practice of the "physick," was of the Class of 1782, studied medicine with a Rhode Island physician during the Revolution, and acquired valuable experience in a military hospital and as a surgeon on a privateer and on a prison-ship. He contributed many articles to the *Boston Medical and Surgical Journal*.

One of the greatest was Dr. Usher Parsons, who had served with distinction in the War of 1812. He had studied with a Boston doctor, later took a Harvard M.D. in 1818, walked the hospitals of Paris and London, in 1821 was professor of anatomy and surgery at Dartmouth, and came to Brown in 1823. A modest tribute from his son, Prof. C. W. Parsons, said: "If we may accept the testimony of two surviving pupils of the school, the opening of courses by Dr. Parsons gave new life to the institution. He made arrangements, through channels, over which a veil of secrecy had to be thrown, for a supply of anatomical material." (Of the latter, we hope some time to publish Prof. Ben C. Clough's delightful paper, "The Corpse and the Beaver Hat," which is a story in itself.) Dr. Parsons became eminent as a surgeon and consulting physician, and his prize medal essays made his name widely known. In 1853 he was chosen First Vice-President of the American Medical Association.

"This," Bronson remarks, "was a brilliant Faculty for a medical school without endowment; and it is not surprising that the school had a considerable measure of success."

In addition to its work with students, the Medical School was not without its impact on the public. Its lectures offered to the community "extended courses of instruction in subjects of practical value." These were far from being the first attempts at "University Extension," for in 1785 and 1786 the famous Professor Benjamin Waterhouse had given courses of popular lectures on natural history.

Eminent Names Among the 87

A Brown University Medical Association, consisting of professors, students attending the medical lectures, and resident physicians was formed in 1811 and lived until 1825. It held weekly meetings during the lecture season and lent books from its library.

The graduates of the Brown University Medical School numbered 87, according to Bronson, and it conferred 31 honorary medical degrees. "Most of the graduates became useful members of their profession, and several attained to eminence." Jerome V. C. Smith was professor in the Berkshire Medical Institution, port physician of Boston for 23

years, editor of the *Boston Medical and Surgical Journal* for 28 years, and the author of many medical works. Alden March was founder of the Albany Medical College and professor of surgery in it for 30 years. President of the American Medical Association, and originator of various surgical appliances.

Lewis L. Miller was an eminent physician in Providence for 40 years and President of the Rhode Island Medical Society. George Capron practiced in Rhode Island for half a century; he was physician in the U. S. Marine Hospital at Providence, President of the Rhode Island Medical Society, and author of numerous publications. Johnson Gardner, a Rhode Island physician for 40 years, was examining surgeon for the State's recruits during the Civil War. Francis L. Wheaton was appointed Surgeon-General of Rhode Island during the Mexican War and was a surgeon in the Union's military service throughout the Civil War.

The most famous of all was Elisha Bartlett, of the last Class under President Messer. He held professorships in several medical schools, including Dartmouth, the University of New York, and the College of Physicians and Surgeons in New York City. Two works by him were "of great importance and permanent value": one on the "Fever of the United States" established the distinction between typhus and typhoid; the other was an "Essay on the Philosophy of Medical Science."

How Wayland Killed the School

President Wayland put a stop to all this in short order, because it conflicted with his conception of college life as that of an academic family. "He wished to establish close personal relations between officers and students," Bronson writes, "and thereby secure strict though kindly supervision over the latter's mental and moral life. What, then, should be done with the non-resident professors in the Medical School (and in the Departments of Oratory and Natural History)? One plan might have been to let them remain and rely on the rest of the Faculty to do the work of supervision. The advantages of such a plan, combining academic drill with invigorating breezes from the outside world of public and professional life, were possibly not appreciated by President Wayland; it probably seemed to him that the non-resident professors were a part, if not a cause, of the lax discipline which he sought to cure. Another reason for dismissing them is given in his *Reminiscences*: 'The regular officers were competent to perform all the required duties, and, by thus dispensing with outside services, they found their means of subsistence materially increased.'"

At any rate, the Corporation voted in 1827 that all of the University's officers should be "actual residents within the walls of the Colleges." No salary or other compensation was to be paid to "any Professor, Tutor or other Officer, who shall not during the whole of each and every term, occupy a room in one of the Colleges . . . and assiduously devote himself to the preservation of order, and the instruction of the students, or the performance of such other duty as may belong to his station." The names of the non-resident professors began to disappear from the University Catalogue. In 1832-33, by vote of the Faculty, all the names were dropped except that of Professor Bowen, who was Librarian.

"Thus," Bronson concludes, "was the Medical School in Brown University killed by a President who had been trained for the profession of medicine."

"Those who deny freedom . . ."

THE STATEMENT ON THE STAMP

PROBABLY the last place one would expect to find a memorable quotation would be in a letter of declination sent by a politician in response to a perfunctory invitation to attend a civic celebration. It was in just such a document, however, that the Post Office Department found the statement for the fifth in its series of American Credo stamps. The stamp was issued initially on Nov. 19 in New York City.

The quotation that appears on the stamp is: "Those who deny freedom to others, deserve it not for themselves." It is taken from a letter written April 6, 1859, by an up-and-coming young politician from Illinois named Abraham Lincoln. The letter is now a part of the famed Lincoln Collection in the John Hay Library at Brown University.

Lincoln was replying to a form letter signed by a group of Bostonians asking him to attend a festival in Boston in honor of the birthday of Thomas Jefferson. He disposed of the invitation in the first paragraph of his reply, stating simply that "my engagements are such that I cannot attend." But then, planting himself firmly on the somewhat flimsy platform that had been provided him by the Jeffersonian Bostonians, he proceeded to expound at length on the political philosophy of Jefferson:

"Bearing in mind that about seventy years ago, two great political parties were first formed in this country, that Thomas Jefferson was the head of one of them, and Boston the headquarters of the other, it is both curious and interesting that those supposed to descend politically from the party opposed to Jefferson, should now be celebrating his birthday in their own original seat of empire, while those claiming political descent from him have nearly ceased to breathe his name everywhere.

"Remembering too, that the Jefferson party were formed upon their supposed superior devotion to the *personal* rights of men, holding the rights of *property* to be secondary only, and greatly inferior, and then assuming that the so-called democracy of to-day, are the Jefferson, and their opponents, the anti-Jefferson parties, it will be equally interesting to note how completely the two have changed hands as to the principle upon which they were originally supposed to have been divided.

"The democracy of to-day hold the *liberty* of one man to be absolutely nothing, when in conflict with another man's rights of *property*—Republicans, on the contrary, are for both the *man* and the *dollar*; but in cases of conflict, the man *before* the dollar.

"I remember being much amused at seeing two partially intoxicated men engaged in a fight with their great-coats on, which fight, after a long, and rather harmless contest, ended in each having fought himself *out* of his own coat, and *into* that of the other—If the two leading parties of this day are



AT BROWN for a speaking engagement in November, the Rev. Martin Luther King, Jr., Southern anti-segregation leader, visited the John Hay Library to inspect the Lincoln letter which provided the quotation for an American Credo stamp. With him were local officials of the National Urban League, including (left) James N. Williams.

really identical with the two in the days of Jefferson and Adams, they have performed about the same feat as the two drunken men.

"But soberly, it is now no child's play to save the principles of Jefferson from total overthrow in this nation.

"One would start with great confidence that he could convince any sane child that the simpler proposition of Euclid are true; but, nevertheless, he would fail, utterly, with one who should deny the definitions and axioms. The principles of Jefferson are the definitions and axioms of free society—And yet they are denied, and evaded, with no small show of success. One dashinglly calls them 'glittering generalities;' another bluntly calls them 'self evident lies;' and still others insidiously argue that they apply only to 'superior races.'

"These expressions, differing in form, are identical in object and effect—the supplanting of the principles of free government, and restoring those of classification, caste, and legitimacy. They would delight a convocation of crowned heads, plotting against the people. They are the van-guard—the miners, and sappers—of returning despotism. We must repulse them, or they will subjugate us.

"This is a world of compensations; and he who would *be* no slave, must consent to *have* no slave. Those who deny freedom to others deserve it not for themselves; and, under a just God, can not long retain it.

"All honor to Jefferson—to the man who, in the concrete pressure of a struggle for national independence by a single people, had the coolness, forecast, and capacity to introduce into a merely revolutionary document, an abstract truth, applicable to all men and all times, and so to embalm it there, that to-day, and in all coming days, it shall be a rebuke and a stumbling-block to the very harbingers of re-appearing tyranny and oppression."

The gentlemen from Boston, recognizing a good thing when they had it, publicized the entire letter and it was given wide circulation by the Republican press.

RECOGNITION:

Brown rowing gets Varsity status

CREW, which has been a club activity at Brown University for the last 12 years, is gaining the status of an official Varsity sport for its spring season. Announcing the "recognition" last month, Provost Bliss said the action would have the following practical effects:

1. A full-time coach will be hired by the University to take over direction of rowing for the 1962 spring schedule. (It is expected that Gordon Helander will resume coaching for the spring of 1961. As a volunteer coach last year, he saw the Brown oarsmen cap an undefeated season in their own league by two remarkable performances in the top echelons of intercollegiate competition.)

2. University financial support for rowing will be increased "somewhat," in addition to the sum to be expended for the salary of the coach. (The Brown Rowing Association will remain in existence to lend its support, as during the period of the sport's development.)

3. Supervision of crew will be transferred shortly from the Director of Student Activities to the Director of Athletics.

4. Eligibility requirements for the crew will be the same as for any other recognized sports.

The Fight for Recognition

The decision had been long awaited by supporters of crew, who had submitted a variety of requests for recognition in the past. In a sense, it had been a progressive recognition through various phases as the determination and responsibility of the oarsmen grew. Last November, following a new study of the situation, a four-man committee of the University's Athletic Advisory Council brought in its recommendation to add crew to the company of intercollegiate sports. Members of this committee were: Chairman Edward R. Durgin, Dean of Students; Foster B. Davis, Jr., '39, Chairman of the Athletic Council; Prof. John A. Dillon, Jr., and Paul F. Mackesey '32, Director of Athletics.

The Brown Rowing Association, a group of rowing devotees which included alumni and former oars from other colleges, will be encouraged to continue and expand its fund-raising activities in behalf of crew. The Association had offered such a commitment; this had been a major source of financial support in the past. The study committee recommended that the Rowing Association annually make available for crew expenses a drawing account of approximately \$2500, with any unexpended funds to be retained in its treasury. "Payment of expenses resulting from emergencies over and above monies available from the above source (University allocation and Association contribution) would be the responsibility of the Rowing Association," according to the committee report.

Managing Their Affairs

Prominent in the committee's report was the recommendation that the undergraduates participating in crew be encouraged "to manage their affairs to the greatest possible degree," as in the past. They had shown remarkable faithfulness in this respect, as in training and self-discipline. (The squad members themselves suspended one oarsman from the Varsity boat at an early stage last spring for disregard of agreed training pledges.)

Under this policy, the undergraduates will continue to purchase their equipment, make schedules and travel arrangements, and handle their own financial accounts and business matters. A part-time rigger will be employed, it is expected, in addition to a full-time coach by 1962.

The crew faces an ambitious schedule during the coming season. All members of last year's crew are back, with the exception of Barry Burns, the 1960 captain. The crew will open on Apr. 8 against Columbia at New York. Subsequently it will race against Dartmouth Apr. 15 on the Seekonk; against M.I.T., Boston University,

and Columbia Apr. 22 on the Charles; against Amherst Apr. 29 on the Seekonk; against Iona May 6 on the Seekonk, and in the annual Dad Vail Regatta May 13 at Philadelphia, a race the Bruins have won the past two years.

Brown's First Crews

Actually, Brown crew goes back more than a hundred years. We have a stirring account of the sport in its early days at Brown from the pen of George T. Brown '73, a member of the first crew, writing an article for "Memories of Brown," published in 1909.

"The first Brown crew was formed in 1857 and engaged in its first intercollegiate race against Harvard and Yale on Lake Quinsigamond, near Worcester, on July 26, 1859. The Brown crew, ensconced in a cumbersome craft named Atlanta, came in third. The next year Brown showed up for the race with a much lighter shell, so light, in fact, that it went to pieces during the race.

"The Civil War intervened and interest in crew at Brown was not revived until 1868, when the old Brown boathouse on the east shore of the Seekonk was repaired and two second-hand shells were obtained. A new house was built in the spring of 1870 on the west shore. During the previous winter, a determined bunch of Freshmen began preparing themselves for crew by regular attendance in Hunt & Butterworth's gymnasium on the fourth floor of the Parsons block on Canal Street. This



1885 FOURSOME was photographed, but it had no intercollegiate record.

IVY LEAGUE DOORMAT?

Has this been Brown's role
in intercollegiate athletics?



THE QUESTION was raised in a letter from Allen J. Arnold '31 of Jacksonville, Fla.: "Why does Brown have to be the doormat of the Ivy League? We alumni in such places as Florida see practically nothing in the public press about Brown except brief items about football and basketball games. The losses are so numerous that I automatically look in the right-hand column of the scores for Brown."

"While I subscribe 100% to the Ivy League program of no athletic scholarships, I still don't see why we have to be last in everything. It's embarrassing at times in this hotbed of football enthusiasm. I do note that we have a better-than-average Freshman squad in both quality and quantity. Please don't let them flunk out."

We thought we'd better set the record straight on this "doormat" business, and Jay Barry has consulted with Pete McCarthy, who keeps the athletic records in connection with his duties as sports information officer.

Brown is a member of Ivy Leagues in seven sports (football, soccer, basketball, hockey, wrestling, baseball, and tennis) plus competition in the track and cross country Heptagonal meets. There is no League record in tennis, since this season will be our first of official membership.

Football, which attracts the most attention, has had its League round-robin for five years. Brown's first three finishes were in the middle of the standing: 5th and then two ties for 4th. Two lean years followed in which the Bears were 7th and then shared the cellar with a tie for 7th. The cumulative standings for the five years show the following: Princeton 25-10-0, Dartmouth 24-9-2, Yale 22-12-1, Penn 19-16-0, Harvard 15-20-0, Cornell 13-22-1, Brown 12-22-1, Columbia 8-27-0. (With only one win in each of the last two years, Brown dropped from one game out of 3rd to 7th in the cumulative standing.) Dartmouth is the only one of the eight members without at least one losing season.

The oldest formal affiliation is the Eastern Baseball League, which includes Army and Navy as well as the Ivies and goes into its 14th season this year. Here Brown shared one championship (there was no play-off) and finished last twice. The Brown finishes in the 10-club circuit, beginning with 1948 were these: 10th, 6th,

8th, 2nd, the tie for 1st, 5th, 5th, 3rd, 10th, 7th, 9th, 2nd, and 4th. Eight finishes were thus in the upper half of the League, five in the lower.

Hockey has had 12 seasons, the five-team League adding Cornell two winters ago. Though the undermanned Bears may fight it out with Cornell for the cellar this season, they have not yet finished worse than 4th and took two championships. Here, beginning with 1948-49, we were: 3rd, 1st, 1st, 2nd, 4th, 3rd, tied for 2nd and 3rd, 4th, 2nd, 4th, and tied for 3rd.

Track, where the future looks brightest at the moment, has had the poorest record. In the outdoor Heps, Brown's record book shows five last places, three 9ths, two 8ths, and a 7th in 11 starts. Indoors, there were three 10ths, four 9ths, three 8ths, and a 7th. Cross country, showing marked improvement, provided the following: 4th, 8th, 8th, 7th, 9th, 10th, 10th, 8th, 6th, 4th, 4th, and 3rd. In the last sport, Brown has had a few individual winners.

The Bears moved up into the ranks of basketball contenders the last two years with a 4th and a 3rd. Earlier finishes were 7th, a tie for 6th, a tie for 7th (sharing the cellar), and two 6ths. The rankings fail to show the real gains on the court, however, for the League meant a big step up in competition for the Bruins.

Five winters in the Ivy Wrestling League have yielded a tie for 4th, a 2nd, a 3rd, a 4th, and a 6th (there are seven members). Soccer found Brown in the cellar three times out of six in the League that had a seventh member added last fall. The best finish has been 4th.

We attempt little interpretation beyond pointing out that, in 82 opportunities, Brown has been last 15 times and tied for last twice, while winning two titles and sharing another. Track and cross country contributed 10 of the cellar championships, leaving five for other sports. As the institution with the smallest student body, Brown may have seemed a likely candidate for "doormat" honors. Does the record really bear out that probability? She has been in the exact middle of the standing or above no fewer than 32 times out of 82.

Basketball Below Hopes

THE BASKETBALL TEAM couldn't stand prosperity. Following its sensational victory over Boston College, the Bruins dropped decisions to Connecticut (85-71), Michigan (74-56), and Pittsburgh (57-51).

Lack of consistency in their play was the Bears' main weakness. In their upset of previously undefeated Boston College, the Bruins turned in a fine all-around team effort and showed a strong bench in the process. On that night, they would have given any team on their schedule a tough time. Coach Stan Ward still felt that his team had the potential to be a factor in the Ivy League race, where Princeton and Penn were favorites.

Capt. Forrest Broman and All-Ivy guard Mike Cingiser were the only consistent performers in the early going, though Ward singled out the play of Sophomore Gene Barth as outstanding in the Michigan and Pitt games. Barth, a 6-7 forward, scored 13 points against Michigan and gathered in 14 rebounds against Pitt.

After the first nine games, Cingiser led in scoring with 163 points for an 18.1 average. Broman was second with 146 points for a 16.3 mark.

Hockey Report: Not Yet

THE HOCKEY TEAM was still looking for its first victory after nine games. Coach Jim Fullerton continued to be plagued by a shortage of personnel. The squad was down to 12 players by Jan. 1, following the sidelining of Junior forward Pete Kenney because of illness.

The Bears lost all three games in the Boston Christmas Tourney, to Boston University (10-0), Northeastern (6-0), and Army (5-2). Brian Smith, Sophomore defenseman from Montreal, accounted for the Bears' only two goals in the tourney. Only 11 were in uniform for the holiday engagements.

Sophomore Greg McLaughlin continued to lead the team in scoring with nine points on four goals and five assists. He was followed by Sophomore Ed Ennis (4), Sophomore Bruce McIntyre (4), and Senior Jack D'Entremont (4).

Sports Shorts

FRITZ POLLARD '19, one of the greatest halfbacks of his era, was named to the Helms' College Football Hall of Fame at Los Angeles in December. He was named to the National Football Hall of Fame at Rutgers in 1954. As a Freshman in 1915, Pollard helped lead Brown to a successful season and a trip to Pasadena, where the Bruins met Washington State in the first official Rose Bowl game. He rose to his greatest heights in 1916, scoring 12 touchdowns and leading the Bruins to an 8-1 record. At the close of that campaign he was named to Walter Camp's first All-American team, the first man of his race to be so honored.

The final NCAB football statistics provided some interesting facts on the Bruins. Dick Laine, Junior end, was 13th in the nation in pass receiving with 29 receptions for 288 yards. Another Junior, quarterback Jack Rohrbach, was 20th in forward passing, hitting on 76 of 156 for a .487 percentage and 858 yards. As a team, Brown was second in the country in percentage of points after per touchdown. While scoring 14 touchdowns, the Bruins picked up 16 points, 10 on kicks and six on two-point conversions. Junior Ray Barry had a perfect 10 for 10 on his extra point kicking attempts.

Denny Master, Senior goalie, was named to the All-Ivy soccer team selected by the League coaches. A native of Washington, D. C., and a graduate of Sidwell Friends preparatory school, Master was one of the top goal tenders in Ivy circles for the past two seasons. He captained the Bruins last season. Elected to lead the 1961 team was John Sherman of Darien, Conn.

World-record holder in the high jump,



A SECOND HALL OF FAME for Fritz Pollard '19 (undergraduate photo).

Thomas of Boston University, broke the Brown record for that event in a practice meet with the Bears at Marvel Gym, won by Brown. His 6-10 clearance erased the previous mark of 6-8 made by Brown's Dick Phillips '50 in 1949. In the same meet, Dave Farley of Brewer, Me., set a new Brown Freshman record for the mile with a 4:18 clocking. The previous mark of 4:30.6 was set last winter by John Jones.

Cliff Stevenson, Brown's new soccer and lacrosse coach, has been elected to the executive committee of the U.S. Lacrosse Coaches Association. He is also a member of the N.C.A.A. Soccer Rules Committee.

Athletic Director Paul Mackesey announced in January that Junior Varsity football will return to the Brown scene next fall after an absence of a decade. The lack of manpower forced the authorities to cancel the sport after the 1950 season and since that time the Varsity squads never have been big enough to support a JV program.

Coach Joe Watmough's swimmers had five straight winning seasons going into the current campaign. During that stretch, the Bear mermen have won 35, lost 19, and tied one. Against Ivy opposition over the same span, Brown has a 10-12 mark. There were three more Ivy victories in four meets this semester to provide a .500 average.

Silver All-American

NOMINATED by Brown University, Leon M. Payne '36 of Houston was named by *Sports Illustrated* to its 1960 Silver Anniversary All-America. He was one of the 25 men selected on the basis of distinction 25 years after they had played Senior football.

"College football can be a healthy adjunct to shaping the whole man who is the goal of a liberal education," said the magazine. "The lives of these men bear this out. Almost every one of them gives far more of himself to his profession and to a staggering variety of community service than he gets back in money or honors. Responsibility became its own reward a long time ago. In an age characterized by Operators and Status Seekers, they are a select group, indeed."

Payne's undergraduate record was outstanding. In spite of an arm which had been torn and broken when he was 10 years old, he played Varsity center for three years. He was also a three-year man in lacrosse. He was Class President his last two years and President of the Cammarian Club, while qualifying for the Dean's List, Phi Beta Kappa, and a *cum laude* degree. A law graduate of the University of Texas, he joined the firm of which he is now a partner in Houston in 1939.

When World War II broke out, Payne was originally classified as 4F because of his old arm injury. Later, however, he was permitted to enter the Air Force, serving as a pilot of a B-17 in the European Theater. He advanced to the rank of Major and received the Distinguished Flying Cross with one cluster, the Air Medal with five, and the EAME Ribbon.

In addition to his law practice, Payne holds important offices in the Pacific



LEON M. PAYNE '36

Northwest Pipeline Corporation of Salt Lake City and the Coastal Transmission Corporation of Houston. He is a Director of the Texas National Bank of Houston, El Paso Natural Gas Co., the Houston Corporation, Houston-Texas Gas and Oil Corp., Jacksonville Gas Corp., Associated Steel Co., and Warren Automatic Tool Co.

He followed his father, the late Leon F. Payne '07, onto the Brown Corporation as an Alumni Trustee. He has been President of the Houston Brown Club and a Regional Vice-President of the Associated Alumni.

1961 Football

BROWN's annual football game with Colgate will return to the Thanksgiving Day date next season, according to the 1961 schedule announced by Director of Athletics Paul Mackesey in December.

The 1960 finale with the Red Raiders was shifted to the Saturday preceding Thanksgiving Day so that the students could see the game before their holiday began. However, for the next two calendar years the ninth Saturday of the football season falls within the holiday week end. The students would not be on Campus anyway, thus prompting the decision to return to the traditional Thanksgiving Day date.

The Bruins will open the 1961 campaign at home against Columbia on Sept. 30. Other home contests will be played against the University of Rhode Island on Oct. 28 and against Princeton on Nov. 4. The Princeton game seemed the choice for Homecoming.

The schedule: Sept. 30—Columbia. Oct. 7—at Yale. Oct. 14—at Dartmouth. Oct. 21—at Penn. Oct. 28—Rhode Island. Nov. 4—Princeton. Nov. 11—at Cornell. Nov. 18—at Harvard. Nov. 23—Colgate.

The Ivy League had another announcement in January of special interest to Brown alumni: Starting in 1964, football would be on a home-and-home basis. This would give Brown an extra home game yearly.



TWO PEMBROKE FRESHMEN, quickly indoctrinated in the Carberry tradition at Brown, took the initiative on Jan. 13 to aid Josiah's Fund. Brown Daily Herald photo by Pete Pearson.

NEWSWEEK Magazine's article on "A Real Gone Prof.," which led its Education section on Jan. 9, gave Josiah S. Carberry his most comprehensive publicity in recent years and delighted his Brunonian admirers on the eve of 1961's Carberry Day, Friday the 13th of January.

Some of the material seemed to come from "Freckled, 72-year-old Dr. Benjamin C. Clough, official curator of Carberriana." The two-column story, accompanied by an *Alumni Monthly* photo, closed with a Clough admission: "There are moments when Carberry does pull a bit. But then he's off again to some far-off spot. Carberry has always just done something and left. To borrow a phrase from the current generation, Carberry is real gone—so gone he's never really been."

Coincidental with all this fanfare nationally, Carberry was prominent in a post-Christmas exhibition of art by non-artist members of the Providence Art Club. He had submitted an ornate urned increment, resplendent with Brown Bears and the University seal. This received a place of honor, with accompanying explanation, "to whom it may (or may not) concern:

"This creation represents the embodiment (utilizing psycho-ceramic principles) of the spirit of the Old Brown Jug. I have called it a Bowl with a Soul. It is my first—and probably my last—masterpiece.

Josiah S. Carberry. I hereby certify that the above signature is genuine. *Josiah S. Carberry.*"

Accompanying text further suggested that the remarkable piece of pottery had recently come to light on the site of ancient Angell's Lane (now Thomas St., on the north side of the First Baptist Meeting House). "Unfortunately, it fell into the hands of one Josiah S. Carberry, erstwhile (*sic!*) professor at Brown University. Dr. Carberry immediately laid claim to it as one of his early, if not his earliest masterpieces. While we cannot deny that it is an outstanding example of psycho-ceramics (as is also Professor Carberry), yet there are certain aspects which we feel should be investigated.

"Professor Carberry dubs it a Brown Jug, but whether it is a Juggernaut is open to question, as Carberry items often are. . . . We decided not to run the risk of X-rays lest its delicate glaze and magnificent ornamentation be thereby irretrievably damaged." The glaze reminded some viewers of Carberry's eyes.

Meanwhile in Indianapolis

The Brown University Alumni Club of Indiana scheduled its meeting on Jan. 13 as "a happy event in honor of world-famous Professor Carberry." Reference to the availability of a "cash bar" led to the

CARBERRY

The Campus braced
itself again for
Friday the 13th

"BOWL WITH A SOUL," below.



mishap suggested in one of two telegrams received by William A. Dyer, Jr., '24 and the guest speaker, Prof. Albert Van Nostrand.

The first, a cablegram, was read as follows: "Did someone give me a bum steer? Stop. Invitation from Brown Club of Indiana said you would gather for drinks in the Kashbar. Well, here I am in Algiers in the Kashbar, with no other Hoosier in sight. What the hell? Checking for possible confusion, I have consulted my dictionary, which says (and I quote) Kashbar is the "old native quarter of Algiers." Definition is tragically accurate; nothing here but old natives. I can't stand being stood up. In fact, at the moment, I can't even stand. Jason has just been bitten by an Algerian. P.S. Am willing to contribute old native quarter to the Carberry Fund. Josiah Sh. Carberry."

Second message, vouched for as a night letter to be read in the daytime, said: "Yoo-hoo to you Hoosiers. Josiah planned to be with you on his big day and was prepared to salute you from under the table during computation hour. However, I'm

not sure he'll make all the rounds, being already committed to spend Friday the 13th in Algiers, Havana, Leopoldville, Olneyville, Baghdad, Nome, Rome and home, plus Saigon with Kappy, Little Rock, Big Rock, and Middle-Sized Rock (with three other Bears and Goldilocks). Under other cover am sending you grain of salt to take anything young Van Nostrand says with. Happy Carberry Day from Josiah and I. *Laura Carberry*. P.S. Scratch my entry in Indianapolis 500 on Memorial Day. It's itching."

A more substantial member of the Brown Faculty, Prof. Philip J. Bray, is scheduled to speak in April in Toronto before the American Ceramic Society. Since the announcement was made just before Carberry Day, it was felt on the Brown Campus that the News Bureau's release should have added: "No kidding."

Professor Bray received a note from Josiah Carberry saying: "Since I am the American Ceramic Society, I look forward to hearing you."

Grant to the Dean

DEAN CHARLES H. WATTS, II, '47 has received a travel grant from the Carnegie Corporation of New York that will enable him to visit liberal arts colleges throughout the country during the second semester. His main interest will be in observing curricular systems covering the first two years in a variety of liberal arts colleges. Brown several years ago pioneered an important innovation in that portion of the curriculum with its I.C. courses and is now developing other experimental programs for the same period of college work.

On two extended trips—one into the South and the other to the West Coast—Watts intended to visit close to 20 colleges. Among them will be Swarthmore, Haverford, Johns Hopkins, the universities of Virginia and North Carolina, Washington & Lee, Tulane, Florida State, the University of Miami, Kenyon, Western Reserve, the universities of Michigan and Chicago, Carleton, Washington University, Coe College, Reed College, the California Institute of Technology, and the University of Texas.

While Watts is away from Brown his duties will be performed by Dr. Robert O. Schulze, Assistant Dean of the College.



ROVING DEAN

Under the Elms of Brown

READERS of this magazine will recall an article in our October issue about the activities of BYG, Brown Youth Guidance, written by the undergraduate in charge of 200 Brunonians who offer their services in hospitals and to other Rhode Island agencies. The author, Melvin D. Levine '61, has been selected as one of the two new Rhodes Scholars from New England. A New Yorker, he is the 25th Rhodes Scholar from Brown, although there have been none for several years. David N. Barus '49 and Douglas E. Ashford '50 were the most recent Brunonians to go to Oxford under the Rhodes program.

DR. LEALYN B. CLAPP, Professor of Chemistry, went to Chile last month to lecture at a Chemical Bond Approach Institute at the University of Santiago. He was one of two Americans making the trip under the sponsorship of the National Science Foundation and the Organization of American States. Dr. Clapp has been a leader in formulating the new Chemical Bond Approach to the teaching of high school chemistry. He will direct the activities of 40 high school teachers in Brown's second annual summer institute in this field, a program supported by a \$42,900 grant from the NSF.

BROWN SOPHOMORES received an early Christmas present before leaving for home and the holidays. Santa, in this instance, was Edward R. Durgin, Dean of Students, who announced that the Committee on Student Affairs will now allow "the use of automobiles by Sophomores not on college discipline, warning, or probation." Previously, only upperclassmen had this privilege. The extension is made possible by the fact that the University now has sufficient off-street parking space for more cars.

COLLEGE HILL NOTEBOOK is a program of weekly radio interviews with Brown University Professors which may be heard on Saturday evenings over Station WEAN, Providence (AM 790) at 7:10 p.m. The series of 20 programs began in January with talks by Prof. Charles H. Philbrick and Prof. William Prager. Director Harmon H. Hyde does the interviewing. Another series, "From College Hill," is aired by WJAR, Providence (AM 920) Sundays at 10 p.m.

BROWN HAS ANNOUNCED that it will begin training experts in regional economic development next fall under a \$295,000 grant from the Ford Foundation. The program will produce both researchers and "practitioners" in the art of curing local economic ills or preventing them from reaching serious proportions. A doctoral degree will be awarded to the researchers and a Master's to those who intend to take active roles with private and public development groups. Prof. Merton



PROF. PHILIP TAFT, Brown economist, is the new President of the Industrial Relations Research Association. Widely known as an historian of the labor movement, he has served as industrial arbitrator, government economist, and member of various advisory committees.

P. Stoltz, Chairman of the Brown Economics Department, in which the new program will be established, stated that regional economic development is a relatively new field.

DR. LEA E. WILLIAMS, Associate Professor of Political Science, received a grant from the Social Science Research Council to attend the Jan. 16-21 conference of South East Asian historians at the University of Malaya in Singapore, where he delivered a paper on "The Chinese in Indonesia." He spent a month visiting universities and libraries in Japan, Formosa, and Hong Kong prior to attending the conference.

DR. HENRY M. WRISTON has been elected a Trustee of Barnard College for a seven-year term.

DR. BARRY A. MARKS, Assistant Professor of English, is among 50 college professors throughout the nation who have been asked to prepare a forthcoming series of books on American authors for Twayne Publishers of New York. Dr. Marks will write a volume on the poet, e.e. cummings, a work that is scheduled to appear later in the year.

PROF. JAMES B. HEDGES, former Chairman of the History Department, returns to a part-time teaching schedule after a semester's leave of absence due to illness. He will teach History 52 this spring and resume his full schedule of History 51-52, and History 161-162 next fall.



BRUNONIANS IN TULSA had their largest meeting in December when the Brown Film was shown at the Ramada Inn. Present, left to right, in back row: H. Vinton Potter '25, Mrs. Potter, Earl W. Tucker '13, Erling Helland, Joseph Gillin, Edwin J. Schermerhorn '34, Mrs. Cromock, Bert Cromock '27,

Earl H. Fulford '46, Steven D. Booth '54, Dr. Milton L. Berg. Front row—Mrs. Joan Gordon Flanagan, Mrs. Helland, Mrs. Tucker, Mrs. Paul R. Schultz, mother of Robert Schultz '64, Mrs. Schermerhorn, Mrs. Berg, Mrs. Fulford. The Fulfords had arrived two days before.

The Brown Clubs Report

Honoring Senator Green

THE BROWN CLUB of Washington honored Senator Theodore Francis Green '87 in December at a buffet supper at the home of Thomas G. Corcoran '22. About 40 members were on hand to present the retiring Senator with a framed photograph of the Brown Campus, showing the Class of 1887 Gate, which Senator Green restored as a tribute to his Class. The photograph, bearing a plaque honoring Mr. Green, has been hung in Washington's University Club, where the 93-year-old Senator made his home while serving in Congress. During the affair, Senator Green was in excellent humor and reminisced at length about such things as the poem on the 1887 Gate (which he wrote), the early days of Faunce House, and his early days on Campus when he was in the "dog-house" of Prexy Zeke Robinson.

Those present included: Dr. Walso G. Leland '00, Dr. Robert W. Burgess '08, Stephen S. Bean '14, Dr. M. J. Kreitzmann '36, Edward R. Place '24, A. E. Gottshall '15, Tod Shotton '30, George Gibbons '41, George Viault '26, Eugene F. Hart '33, Paul McGann '38, Dick Walsh '37, David N. Barus '49, Charles L. III '49, Henry A. Niven '50, Richard B. Phillips '50, Richard White '50, John C. Henry '27, and Lloyd W. Dennis '31. Guests included Robert Baker, President of the American Security and Trust Co., and Harvey Graham, local investment broker.

DICK WHITE '50

John Peterson's Return

THE DECEMBER MEETING of the Twin City Brown Club was held at Iax Care, Minneapolis, and featured the return of John G. Peterson '17 from his stay in Switzerland. He recalled for us many of

the important events that took place during his stay there, and during his tour of Europe. It was John who organized the Twin City Brown Club and served as its President for many years. In other business, the members heard from President Bob Pendleton '50 in connection with our efforts to aid the Admission Program and from Crane Bodine '52 on the wrap-up of the Bicentennial Fund in our area.

HOWARD K. PAGE

Hartford Talks Admissions

THE BROWN CLUB of Hartford held its winter meeting Dec. 8 at the Hotel Bond, with Tom Caswell '60, Alumni-Admission Liaison Officer, the featured speaker. Tom gave an interesting talk on the problems

Sidestepping an Issue

THE SOUTH COUNTY Brown Club was faced with a problem in connection with its sponsorship of the Glee Club concert, a fact which was not known to us at the time. But the *Boston Globe* subsequently reported it.

Since the concert was being held at the University of Rhode Island, the alumni decided it would be pleasant to have a dozen URI coeds as ushers. Two members of the alumni committee were sent to the Kingston campus to look over the field. They came back refusing to take the responsibility of selecting 12 girls from the 1050 available. Solution? The women's housing units made the choices themselves.

facing the young man (and his father) who wants to gain admission to a top-flight college today. The spirited question-and-answer period was proof of the quality of his talk.

Hawley Judd '45 presided, while Brad Benson '52 was in charge of arrangements. Others present included: Dan Howard '93, Frank Jones '97, Larry Smith '20, Al Goddard '22, Al Sherberg '23, Russ Gran-niss '36, Karl Kaffenberger, Jr., '39, Clare Roth, Jr., '46, Warren Randall '50, Tony Waterman '51, Dom Worth '53, Jim De-Mund '56, and Cy Flanders '18.

CY FLANDERS '18

Champion Spanker

DR. JOHN G. WALSH '06 has spanked more Rhode Islanders than any man alive, Ben H. Bagdikian of the *Providence Journal* reported in December. He has "administered the traditional pat now and then to stimulate breathing among the approximately 12,000 babies he has helped deliver in his 46 years as an obstetrician. The story headlined Dr. Walsh as "the R. I. Champion."

"If you insist on writing about me," the doctor told his interviewer, "just say that I started practice after medical school, went 46 years, and then quit." Bagdikian, however, filled in for more than three columns of delightful detail about a distinguished career. Among contemporaries mentioned were Drs. Peter Pineo Chase, Emory Porter, George Waterman. In 1931 Pawtucket Memorial Hospital asked Dr. Walsh to organize its new pediatrics and obstetrics building, which has become the center of a major hospital activity.

Dr. Walsh lives in "technical retirement" in his home at University and Arlington Aves., where a second-floor room overlooks the wall of the new Aldrich-Dexter Field. "When Brown starts playing there," he says, "I'm going to put up some bleachers in this room and sell tickets to people who want to watch the games from the inside."

Brunonians Far and Near

EDITED BY JAY BARRY '50

1887

SENATOR Theodore Francis Green turned over to the Library of Congress in December all of his official papers for the 24-year period of his service in the U.S. Senate. The documents numbered about 750,000 items and filled 85 packing cases. Library officials said that they were especially interested in Senator Green's papers because of his tenure as Chairman of the Senate Foreign Relations Committee. The Green papers will be preserved in the Manuscript Division along with the papers of 23 Presidents, numerous statesmen, members of Congress, and literary figures.

1894

Dr. William C. Hill, retired Principal of Classical High School, Springfield, Mass., was one of three leaders in education to speak at the 75th annual meeting of the New England Association of Colleges and Secondary Schools at Boston in December.

1895

Late last summer, admirers of Dr. William Gardner, Nantucketer-turned-author after retirement from the Episcopal clergy, wanted to honor the man who has written so eloquently about his native isle. A committee was formed, and the group decided that Dr. Will should appear among the books he loves so much and where he has often culled books, documents, and papers for data about Nantucket and its prominent personalities. So, it was decided to commission Elmer Greene, noted international artist and Nantucket summer resident, to paint a portrait of the genial Nantucket author, a portrait that would be hung in the stately Athenaeum Library. On Nov. 29 some 100 of the invited contributors gathered at the library for the unveiling. Numbered among the contributors was a summer resident of the island and a former college friend, Dr. Marcius Merchant '97.

1898

Wilfred Wheeler of Hatchville, Mass., was honored last fall by the College of Agriculture of the University of Massachusetts. The citation: "Native son of Concord, Mass., educated at Brown, Harvard, and the Bussey Institution; first Commissioner of Agriculture for the Commonwealth; promoter of the former New England Fruit Shows; winner of numerous awards for exhibits in shows of the Massachusetts Horticultural Society; horticultural consultant and prominent member of several horticultural societies. We honor you today for your work with the native peach plum; for your efforts dealing with the preservation of New England wild flowers; and especially for your great interest in

the preservation and improvement of the American Holly and your outstanding collection of specimens of that species."

1899

J. W. Dows of Bridgeport is doing his bit to encourage support of education through support of PTA activity. Using the pen name of "Dulsifer," he has had a number of letters published in the *Bridgeport Post* which call attention to opportunities for the development of reading habits in the young.

1901

Special Judge of Probate Court Rufus H. Cook of Northampton, Mass., submitted his resignation to Governor Furcolo in November. The official position held by Judge Cook since 1923 was unique in that he was the only Special Judge of Probate Court in the entire State. He was admitted to the bar in Massachusetts in 1902 and has been a senior member of a law firm in Northampton most of his years. Currently he is the senior member of the firm of Cook, Cook & O'Donnell. He intends to continue to practice law.

1902

Dr. Harold G. Calder was honored by the University Club of Providence at its annual Christmas dinner and party with one of two Man-of-the-Year awards presented. Dr. Calder was hailed in the citation as "one of our city's leading pediatricians." The citation said, "St. Paul's admonition, 'Do nothing from selfishness or conceit,' is nowhere better personified than in your life of service to your fellow man." Dr. Calder has been a practicing physician in Providence for more than 50 years.

1904

When the *Providence Bulletin* did a feature story on Elisha Mowry in December, the appropriate headline read: "Crusader at 78 Retains Youthful Vigor." The article told how at the age of 63 he scorned retirement talk and, touched by Great Britain's postwar plight and by a vision of what the future would demand, embarked on a personal crusade for firmer Anglo-American relations. Late in November he saw his 15-year dream partly realized as the 31,000-member English Speaking Union endorsed a new program drawn up by the Mowry Committee which aims to revivify the FSU role in cementing U.S.-Commonwealth nations.

1905

Allyn L. Brown, former Chief Justice of the Connecticut Supreme Court of Errors, was a guest at the annual dinner of the New London County Bar Association

Honored by the Belgians

PROF. ARTHUR F. BUDDINGTON '12, emeritus at Princeton, was honored by the Geological Society of Belgium in the award of the Andre Dumont Medal for distinction in the field of its interest. The compliment was the more signal in that it was the first time the award has gone to other than a Belgian geologist.

Dr. Buddington, recipient of a Brown honorary doctorate in 1942, was among the Brunonians who attended the International Geological Congress in Copenhagen last year. Others were: Prof. Alonzo Quinn; Dr. Charles G. Doll '24, Chairman of the Geology Department of the University of Vermont and Vermont State Geologist; Althea Page Smith '28, who holds a Brown Master's as well, wife of the Chairman of the Department of Geology at the University of Massachusetts; Prof. Vergil G. Sleight, Sc.M. '27 and former member of the Brown Faculty, Chairman of the Department of Geology at the University of Miami; and Prof. Lawrence Whitcomb '22 of Lehigh.

in December. He spoke of changes in personnel and practices in the bar since he was admitted in 1909 (much tougher qualifying exams, for one thing). A colleague, Superior Court Judge Elmer W. Ryan, said of Judge Brown: "He left an enviable record behind him; he will be remembered for his scholarly approach and painstaking devotion to the rights and liberties of lawyers and attorneys."

1906

Charles C. Tillinghast, snowbound in Wilton, Conn., dropped a line. "October and November are Board of Trustees meeting months, and last fall I was at Springfield College twice, Vermont Academy once, and the Horace Mann School twice. It was a great satisfaction to be invited back to Brown on the second week end in October to attend a meeting of former members of the Brown Board of Trustees; I enjoyed all the experiences of that visit. I am a member of several committees here in Wilton and have been doing some writing for one of them. I have also written two chapters of a book which the Horace Mann School is soon to publish as a part of the celebration of its 75th anniversary next year. All in all, I keep happily busy and out of mischief."

As a result of three extensive cruises on which they visited South America, Jamaica, Tahiti, New Zealand, Australia, Hong Kong, Japan, and Honolulu, Gerald A. Cooper and his wife report the following highlights: Beautiful girls in Tahiti; Glowworm Caves in New Zealand; Aloha receptions and farewells in Honolulu; Typhoon Mary in Hong Kong; riots in Japan; happy family reunion in New York; and Hurricane Donna in Florida.

1907

Your Secretary has been all at sea for a while, and so there isn't much to report in the way of class notes this month. In fact, we left the week before Christmas on our cruise and expect to soak up some of the warm weather before reporting back to New England.

A. H. GURNEY

1908

In some recent correspondence with Dr. Ralph Honiss of Rochester, we asked if he was still good at the mile run, remembering that we were wont to even practice with him in 1905. J. Ralph stated: "I couldn't even walk a mile today." Thus do the mighty fall!

The Rev. Albert C. Thomas, D.D., Pastor of the First Baptist Church of Providence for 13 years, was elected Minister Emeritus at a recent special meeting of the Church and the Charitable Baptist Society. Dr. Thomas recently retired after a six-year pastorate at Rockport, Mass.,



MILTON H. GLOVER '22 (Heilpern photo).

Bank President

MILTON H. GLOVER '22 of Simsbury, Conn., has been elected President of the Hartford National Bank & Trust Co. He had been Senior Vice-President since 1947 in the bank he joined in 1931 as an investment officer.

He is also a Director of Connecticut General, Capewell Mfg., Ensign-Bickford, Kaman Aircraft, National Fire, Veeder-Root, Cuno Engineering, Chemical Coating, and Holo-Krome Screw. He is a Trustee of the Mechanics Savings Bank, Chairman of the National Health and Welfare Retirement Assn., and President of Community Research Associates. A former Alumni Trustee of Brown University, he is a member of the Board of Regents of the University of Connecticut. He has been active in such alumni projects as the Housing and Development Campaign, Brown Club, and Associated Alumni.

and is living in the Rumford section of East Providence.

Chris Greene wants all the members of the Class to know that he plans to be with them at Commencement in 1962. He reports that he is approaching retirement age. His column, "Field & Stream," is still a feature of *The Daily Progress* of Charlottesville, Va.

Col. S. S. Winslow, Ret., was laid flat on his back with a serious illness last spring. "I am apparently making a good recovery, but I still take lots of pills and climb stairs only once a day."

Sheldon Howe writes from Deerfield: "We don't retire here until we are physically incapacitated. This hasn't happened as yet!"

C. LEROY GRINNELL

1909

Don and Mrs. Stone are planning to be in Miami Beach in February and March. Their address will be: Brick Apartments, 8011 Abbott Ave. Don's daughter, Miss May Stone, Pembroke '56, recently received her M.S. degree from the Columbia University School of Library Service. She is presently employed as a reference assistant in the Avery Architectural Library of Columbia University.

Henry Fowler, long-time Town Clerk in Barrington, was to have talked on the History of Barrington at the inauguration of the new Town Council, but the blizzard of Dec. 12 intervened. Henry plans to save his talk for another appropriate occasion.

Harry Cook is taking a course in photography at M.I.T., and he reports that the course is all that it was pictured to be.

1911

Dr. Robert Cushman Murphy was the guest of honor at the December dinner of the American Geographical Society in New York. He delivered the Isaiah Bowman Memorial Lecture on "Oceanic Science: Developments and Forecasts." Dr. Murphy is a Councilor of the Society.

1912

Edward L. Singsen was honored with one of two Man-of-the-Year awards presented by the University Club of Providence at its annual dinner and party. A title lawyer, he is President of the Title Guarantee Company of Rhode Island. He was greeted in the citation as "counsellor, boatwright, bibliophile." The citation said: "Your years of experience and scholarship in the field of real estate have properly qualified you as the 'dean of our title attorneys.'"

1913

Louis Oshman is Chairman of the Board of Directors of Robert Sales Corp., 39 W. 32nd St., New York City.

1916

"Salute to a Predecessor" was an open letter to Dr. Wilbour E. Saunders in the *Peddle Chronicle* recently. The tribute was written by Headmaster Carrol O. Morong in anticipation of the January retirement

of Dr. Saunders as President of Colgate Rochester Divinity School. While there was reference to the Saunders era at Peddie, the appreciation was general and cited "indefatigable efforts and prodigious accomplishments." In reviewing the Saunders career, one is compelled "to wonder whether he isn't talking about several men instead of one."

1917

The Arthur B. Homer, named for the President of Bethlehem Steel, is the largest ore carrier ever built for Great Lakes service. Its launching was filmed for the television series, "Man the Maker," which has received an award for the finest series of its type in educational TV.

1918

Roy Benton has retired as Assistant Medical Director of Northwestern Mutual Life Insurance Company after nearly 26 years with the firm. He's living at 2685 N. Lake Drive, Milwaukee.

1919

Thomas F. Black, Jr., President of the Providence Institute for Savings, heads up a new management team set up to pinpoint responsibility at the decision-making level. The team was named at the 141st annual meeting of the mutual savings institution.

William H. Edwards, Providence attorney, served as Chairman of the Rhode Island Rhodes Scholarship Selection Committee. The group named two Rhode Island candidates from applicants endorsed by the colleges and universities to compete with other New England candidates. Dr. Marshall Fulton '20 also helped select the men for Oxford.

Rufus C. Fuller, Jr., has been appointed Master of Ceremonies for the 203-year-old Masonic lodge in Providence, St. John's, No. 1.

1920

Dr. Marshall N. Fulton, Chief of Medicine at the Rhode Island Hospital, retired at the close of the year after holding that position since 1948. At a reception in his honor, he was presented with a citation by Louis C. Gerry, President of the Rhode Island Hospital, and Edmund C. Mayo, Vice-President.

Edward B. Stringham, 2nd, has been named Manager of the Life Insurance Department of the Dunlap Agency, with offices at Memorial Circle, Auburn, Me. He was associated with the field operation of the General Life Insurance Company for more than 25 years and had served as Manager of the Wilkes-Barre, Pa., brokerage agency.

Lou Pieri, owner of the Rhode Island Reds hockey team, was pictured in the *Providence Journal* the week before Christmas surrounded by a bevy of beauties. The girls were the wives of the players, and Lou was the host at the annual holiday party for his team and their better halves.

1921

Dr. Charles J. Fish has asked to be relieved of the administrative duties of

Director of the Narragansett Marine Laboratory, University of Rhode Island, which he founded and has headed for 25 years. This action will be necessary to permit him to maintain his personal participation in the growing program of Navy-supported basic oceanographic research for which he will continue to have major responsibility. (His wife has also been active in this research.) Charlie agreed to stay on as Director of the Lab until a qualified successor could be found. As reported in our November issue, the recently dedicated Oceanographic Laboratory at URI was named the Charles J. Fish Laboratory. When Dr. Fish founded the Narragansett Marine Laboratory, he had a group of four volunteer scientists. The department now has a staff of 28 and 18 graduate students.

H. Stanton Smith, President of Moore Fabrics, Inc., Pawtucket, has been elected President of the Elastic Fabric Manufacturers' Institute. He served the past two years as its Vice-President.

1922

C. Manton Eddy, President of the Associated Alumni, was a member of an advisory panel which helped prepare the report of President Eisenhower's Commission on National Goals, headed by Dr. Henry M. Wriston. Eddy, Senior Vice-President of Connecticut General Life Insurance Company, served on the eight-member panel which studied health and welfare needs of Americans. The conclusions appeared as an essay in the book, "Goals for Americans," where the section on "Meeting Human Needs" covered public health services, medical care for the aged, mental illness, unemployment insurance, and disability protection, juvenile delinquency, hospitals, and medical personnel.

Jack Fawcett, our former President, has returned from a three-month trip to

Europe. He is continuing his active retirement in Florida, where he may be reached at 529 7th Ave., North Naples. He reports seeing Clarence Gray in St. Pete and Pete Simmons '23 in Sarasota. Jack's son (also John W.) was on the Hill as a member of the Class of '54, and now a grandson, John W. Fawcett, 3rd, is pointing for the Class of '70. The originator of the Fawcett relation with Brown was Rev. Dr. John Fawcett, author of "Blest Be the Tie That Binds" and other hymns, who was awarded a D.D. by the University in 1811.

Jim Serven, authority on firearms, collector, and a leading participant in the affairs of the National Rifle Association, contributed a review of the historical importance of powder horn maps, especially those of the Hudson and Mohawk Valleys, to the December issue of the *American Gun*. Along with his collecting, writing, and participation in the organization of Death Valley Encampment last fall, Jim finds time to enjoy five grandchildren as well as to make regular trips into New York and Washington. His home remains at 12432 Ranchview Drive, Santa Ana, Calif.

Jacob H. Moglever, Promotion Manager of the Treasury Department's Savings Bonds Division and author of the recent book, "Death to Traitors," was the featured speaker at the December meeting of the Phi Beta Kappa Association at its National Headquarters in Washington, D. C.

1923

Kilgore Macfarlane has moved to Phoenix, Ariz., and has a new affiliation in banking there—as Chairman of the Finance Committee of the Guaranty Bank. The Macfarlane residence in Phoenix is at 330 West Medlock Dr.

1925

Kingsley L. Bennett has been installed as Worshipful Master of one of the country's oldest Masonic groups, St. John's Lodge, No. 1, Providence. The Providence attorney was elected at the Lodge's 203rd annual communication.

1926

Edward Hart has his own public relations business in Washington, D. C., where his address is 3702 Harrison St., N.W. "I have a son who may be ready for Brown one of these days," he wrote recently.

Willard Potter is out on the beach every day at Key West this winter. He had some unflattering remarks to make (on his postcard) about "Castro cohorts" in evidence.

J. Lawrence McElroy, Assistant Secretary-Treasurer of the Providence Journal Company, has been named to the accounting methods and procedures committee of the Institute of Newspaper Controllers and Finance Officers. He is a Director of the organization. The Institute is an international technical association devoted to the business and financial functions of newspaper publishing.

1927

Bert Creese is Manager of Labor Relations for the Massachusetts Leather Manu-



PHILIP LUKIN '24 is the new President of Lawrence Fertig & Company, Inc., New York, which he joined in 1933 as a Vice-President. He has been Executive Vice-President for the past eight years. Prior to that he had been Executive Vice-President, Charles Austin Bates, Inc., New York.

facturers' Association, with his office in Peabody.

George Fessenden is connected with the Point Judith Fisherman's Cooperative Association, handling marine supplies.

Harry Bartlett and Tony Randazzo met unexpectedly on the first tee of the Dorando Hotel golf course at Puerto Rico recently.

Fred Barrows plans to call a meeting of the Reunion Committee shortly to formulate plans for 1962.

1928

Supreme Court Justice Thomas J. Paolino was invested in the Sovereign Military Order of Malta by Cardinal Spellman at ceremonies in St. Patrick's Cathedral, New York, on Jan. 16. The Rhode Island jurist was decorated as a Magistral Knight, one of the highest ranks attained by laymen. The honor is conferred by the Papal Court for outstanding service to society and the church. In December, Judge Paolino completed a digest of Rhode Island zoning cases. All profits from the sale of the \$10 volume, in accordance with his wishes, will go to the R. I. Bar Foundation, a non-profit organization dedicated to the promotion of justice and legal research and education. The work, which with indexes and charts covers some 400 pages, went on sale in the State law library at Providence County Courthouse in December.

Vernon C. Stoneman, Belmont, Mass., attorney, has been named Secretary of the new Coolidge Bank & Trust Co., in that community. A graduate of the Harvard Business School, he was formerly associated with Ely, Bradford, Thompson & Brown and served as regional attorney in New England for the U. S. Dept. of Labor. He is presently a partner in the law firm of Stoneman & Chandler.

The Outlook for Business

BUSINESS MEN in general and managers of investment funds, too, read with interest what Dr. John W. Harriman '20 had to say about 1961 prospects for the nation's economy. He is economist for the Tri-Continental Corporation, a large closed-end investment company, and the Broad Street Group of mutual funds. His precis appeared in a monthly review prepared for Tri-Continental and was quoted in the *New York Times*.

His comments: "Near-term prospects for business are for further softness," but the recession would probably be "mild," with the downward movement reversed by the second half of the year. There were "sufficient uncertainties to satisfy the most masochistic worrier." Pessimistic factors were the international problems in Berlin, Cuba, Laos, and the Congo; the balance of payments deficit; and unfavorable signs in various business indexes.



WALTER S. BOPP '35 has been appointed to the new post of Vice-President and General Manager of Philco International Division of Philco Corporation. He joined Philco four years ago as Director of Marketing with full responsibility for worldwide exports of the company's products. He had previously been in international sales management for Avca Manufacturing Co. and RCA International.

1929

George E. Levine, Vice-President of the Providence Institute for Savings, has been named Secretary of the bank and a member of a new four-man management team set up to pinpoint responsibility at the decision making level.

1932

Four members of the Executive Committee of the Class attended the funeral of their classmate and friend, Hugh Butler, at St. John's Church, Noroton, Conn., in December. Hugh was one of those killed in the tragic air crash over New York. Those attending included President Richard F. Canning, Secretary Richard A. Hurley, Jr., Stanley C. Paige, and Richard A. Ogden. Many other Brown men also were present to pay their last respects to a man who had done so much for the University over the years. Classmates will have an opportunity shortly to participate in a memorial fund that is being set up in his honor. Full details will be forwarded in the mail.

Richard A. Hurley, Jr., has been named a member of the Executive Committee for 1961 of the New England Chapter of the Society of Industrial Realtors of the National Association of Real Estate Boards.

Dr. Joseph E. Cannon has been named State Director of Health by Rhode Island's new governor, John Notte. He had been serving as an Assistant Director of Social Welfare for Curative Services.

1933

Alfred Lawrence is President of Air-Lite Products, Inc., of Cambridge, distributors of plastiform insulation materials.

Austin L. Marsh has been promoted to Auditor with the Brooks Bank & Trust Co., Torrington, Conn. He had been with the bank eight months, coming from the Mechanics National Bank of Worcester.

1934

Eugene M. McSweeney, Jr., is Executive Director of the Lowell (Mass.) Development and Industrial Commission, a group that in the last several years has been highly successful in bringing new industries to the greater Lowell area.

1935

President Nils Y. Wessell of Tufts University has been designated Chairman of the Board of the Federal Reserve Bank of Boston and its Federal Reserve agent for 1961. He became a Director of the Bank in 1957. He received his Sc.M. from Brown in 1935.

Alfred H. Joslin, a member of the Providence law firm of Aisenberg & Joslin, and President of the Butler Health Center, has been elected to the Board of Trustees of the Providence Institution for Savings.

William T. Broomhead has been re-elected Chairman of the Republican Party in Rhode Island. He had the backing of former Governor Del Sesto in his bid for reelection.

Robert M. Hall has reported as Chairman of the Journalism Fund (Graduate School of Journalism, Columbia University) on the 1959-60 drive. He announced a total of \$18,880, with participation of more than 30% of the alumni, both figures representing gains.

1936

Walter G. Barney, Division Vice-President and Plant Manager of the Okonite Co., Kennebec Wire and Cable Division, Phillipsdale, R. I., has been elected Chairman of the 12th annual New England Congress of the National Metal Trades Association. The congress is to be held at the Sheraton-Biltmore Hotel, Providence, Apr. 13.

Dr. Harold F. Bright is a Professor in the Department of Statistics, George Washington University.

1937

Thomas J. Watson, Jr., President of International Business Machines and National Chairman of Brown University's Bicentennial Development Program, received the 1960 Gold Medal of Merit at the annual dinner of the Wharton School Alumni Society of the University of Pennsylvania. The award is made for "outstanding business leadership" and was followed by an address from the recipient.

Arthur I. Saklad is Executive Sales Manager of Ben Elfman & Son, Inc., Boston. His son, Jim, after graduating from the University of Miami and getting married, is now in the service.

Dr. Harold S. Barrett has been named President of the Connecticut Public Health Association. He is head of the new Office of Public Health for the Connecticut State Health Department and Deputy Commissioner of Health.

1938

Dr. Clifford E. Herrick, Jr., has resigned as Director of Research and Development for Ozalid Division of General Aniline & Film Corp., and has been named Vice-President in charge of Research and Development for Sumner Williams, Inc., of Boston, the largest manufacturers of unsensitized lithographic plates in the country. After leaving Brown, he acquired his Ph.D. from the University of Rochester and went to work on the Manhattan Project, first on the staff of the War Research Division at Columbia and later at SAM Labs in New York City. He joined the Ozalid group at the end of the war and has been with them in various capacities ever since. He and Susan have four children, two boys and two girls.

Paul Henkel, having left Dallas, is a new resident of Lincoln, Neb.—at 1048 Aldrich Rd.

John C. Edgren will serve as General Chairman of the 1961 Heart Fund Drive in Rhode Island this month. He is Assistant Vice-President of the Citizens Savings Bank and Citizens Trust Co., Providence.

Dr. James B. Maguire, Professor of English at Springfield College, is teaching a course in the American novel this winter. Prior to joining the Springfield faculty last fall, Dr. Maguire has been on the faculty of Classical High School in Springfield for eight years.

Lester J. Gates is President of Sidney S. Gates & Sons of North Scituate, Mass. An active citizen, he has served on the Town's Advisory Board, Building By-Law Committee, School Investigating Committee, School and Town Building Committee, Planning Board, Sewer Commission, and the Economic Development Committee.

Sam Hall, a timber cruiser in Northern

Providence Debutantes

THE DEBUTANTE ASSEMBLY in Providence in December saw a number of Brunonians presenting their daughters to society. Among the debutantes at the Sheraton-Biltmore Hotel were:

Miss Desire Howland Gorham, daughter of Sayles Gorham '22 and Mrs. Gorham (the late Prof. Frederic P. Gorham '92 was a grandfather); Miss Martha Ann Owen, daughter of H. Clinton Owen, Jr., '28 and Mrs. Owen; Miss Nancy Young Rapelye, daughter of Robert F. Rapelye '41 and Mrs. Rapelye (the late Howard S. Young '08 was a grandfather); Miss Miriam Diane Ripley, Jr., '32 and Mrs. Ripley; Miss Rowena Ruth Robinson, daughter of Knight D. Robinson '35 and Mrs. Robinson (Charles C. Robinson '05 is a grandfather).

Miss Eleanor Richmond Fales, another debutante, is a granddaughter of J. Richmond Fales '10, while Miss Katharine Stanley Maybach is the granddaughter of the late Daniel Howland '00.

New England for a long time and a skier for a longer time, has established a ski spot at Tenney Mt., just outside Plymouth, N. H. Sam and Alice have over 1,000 acres and have cut and hand-groomed a six-acre open slope and a short trail, both served by a T-bar lift of 1,000 feet.

Miles Grover made his 25th business trip to Hawaii after returning from five weeks in Europe, including the Olympic games in Rome. He and his wife have promised to make another trip—this one to Providence for our 25th in '63.

Luke Mayer is now settled in Bethesda, Md., with the Bureau of Ships. He is in charge of the Aircraft Carrier Branch.

Ben Chase reports that he has formed a new company, Chase-MacArthur, in Hamden, Conn., specializing in the sale of decorative plastics and industrial packaging.

Samuel Rubin has been promoted to Associate Clinical Professor of Medicine at New York Medical College, Flower-Fifth Avenue Hospitals, New York City.

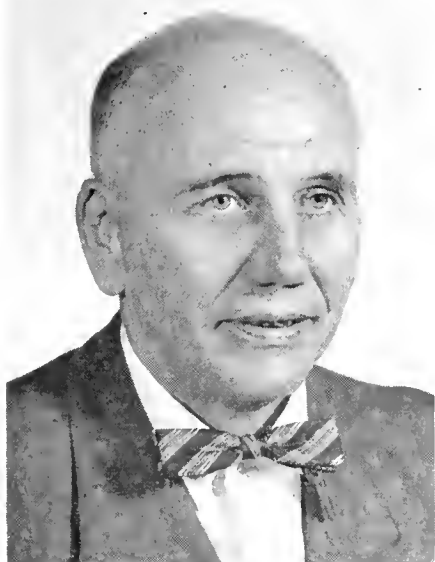
J. E. LATHROP

1939

Karl Kaffenberger, Jr., was installed Dec. 15 as President of Connecticut Chapter 19, American Institute of Appraisers. Karl is an independent appraiser with offices at 167 Washington St., Hartford. Recently he has been active in development work in Danbury and East Hartford.

1940

Gerald Oster is Associate Professor of Polymer Chemistry at Brooklyn Polytechnic Institute, where he has been since 1951. His research over the past nine years has been mainly in the field of photochemistry,



DR. LEONARD G. GHERING, Ph.D. '35, has become Chairman of the Board of Directors of Preston Laboratories, Butler, Pa., which he has served for 25 years. Former President and Director of Research, he will continue as the lab's senior glass technologist and consultant for the firm's major clients. Mrs. Ghering is the former Jenny Lind, Pembroke '33.

American Representative

DR. SAMUEL BOJAR '36 was the only American to attend the recent London conference of the International Study of Psychological Problems in General Hospitals. As a member of the Boston Study Group, located at the Peter Bent Brigham Hospital, he had been chosen to be its representative. With no other American among the 14 delegates from 11 countries in London, he was looked on not only as representative of Boston, Peter Bent Brigham, and Harvard Medical School but also of the United States.

Dr. Bojar lectured in Fall River recently in the Adult Education Series at Temple Beth El. His talk gave the psychiatric point of view on "Handling Fears and Anxieties" in a panel discussion on religion and psychiatry.



NORMAN P. ROSS '42 is Editor for the new Book Division of Time, Inc. Chief correspondent in Life's London office, he returned to New York in 1959 to edit "The Second World War," a two-volume pictorial history with text by Winston Churchill, and has been editing Life's books since then. Photo by Walter Doron.

particularly as it applies to high polymers.

Lt. Col. Robert R. Clifford recently received the Air Force Commendation Medal. He was honored for meritorious service as an inspector and team chief in the 1002nd Inspector General Group at Norton AFB, San Bernardino, Calif., from 1957 to 1960.

Wilbur E. Becker has been named Plant Manager of the Savannah, Ga., factory of the Hercules Powder Co. He had been Manager of the plant in Franklin, Va., since it opened in 1955. He joined the firm as a chemist in 1940.

Prof. Bertram B. Hardy, head of the Electrical Engineering Department at Bradford Durfee College of Technology, has been elected Vice-Chairman of the New England College of Professors of Electrical Engineering. Dr. Hardy is a registered professional engineer in both Massachusetts and Rhode Island.

Congressman Bill Bates (R-Mass.) was easily reelected in the November elections. His total vote was more than double that of his opponent.

Charles C. Viall has begun another term as City Clerk of East Providence.

Ted Dooley addressed the December meeting of the Thoroughbred Racing Associations, Inc., of the United States in his capacity as President of the Society of North American Racing Officials. Ted also is Assistant Racing Secretary at Narragansett Park, Racing Secretary at Rockingham Park, and an official at several other tracks.

1941

Peter W. Allport has been named President of the Association of National Advertisers. A veteran of 14 years with the concern, he was named Executive Vice-President last May. As the ANA's new President, he plans to quarterback efforts to win for advertising new stature and understanding with the general public and industrial management.

Richard H. Bell has been appointed

Midwestern Sales Manager for Hampden Glazed Paper and Card Co., Inc., Holyoke, Mass. He will be working from the Chicago office at 325 W. Hudson St. His home address: 808½ Hill Rd., Winnetka, Ill.

William P. Sheffield, formerly assistant to the general manager of the Cutting Tool Division of Brown & Sharpe Mfg. Co., has been named Director of Purchasing for the firm. He has been with the company for 15 years.

Earl W. Harrington, Jr., has been named Assistant Vice-President of Manufacturers Mutual Fire Insurance Co., Providence.

Frank G. Feldman, President of J. M. Field, Inc., has been elected to the Board of Directors of the new Coolidge Bank & Trust Co., Watertown, Mass.

1942

Arthur B. Rice is teaching art at Adams High School, Watertown, N. Y. A group of his paintings was exhibited through the month of December at the 19th Street Gallery in New York City. After leaving Brown, Art studied at the Rhode Island School of Design, the University of Florence, Italy, and Syracuse University.

Bob Priestley completed six years as head football coach at Norwich University last fall. After a rather slow start, his eleven closed fast with shut-out victories over Middlebury and Worcester Tech. Right now, Bob is more concerned with his hockey forces.

Richard F. Buck is Plant Manager of U.S. Korboard Corp., High Point, N. C. He and his wife and four children are living at 715 Montlieu Ave.

1944

Dr. Anthony F. Bartholomay, who received a Brown M.A. in 1944, holds a new



PRODUCT MANAGER in Allied Chemical's Plastics Division is David W. Towler '43; his field: Halon fluorohalocarbon molding and extrusion compounds. He had earlier served Allied in several sales and technical positions, most recently in the Western New England area as sales representative for Plaskon molding compounds. He is a former Director of the New England branch of the Society of Plastic Engineers. He lives at 441 Mople Ave., Cheshire, Conn.

appointment to the Faculty of Medicine at Harvard. He is Assistant Professor of Mathematical Biology, which he had previously taught at the Harvard School of Public Health. He has also been mathematician in the Biophysics Research Laboratory of Peter Bent Brigham Hospital.

James H. Flanagan has been appointed Scientific Director of the U.S. Army Quartermaster Research and Engineering Center Laboratories at Natick, Mass. Former Physical Science Administrator at the Boston Branch Office of the Office of Naval Research, Jim took on his new duties in November. He is the author of several reports and papers in photography and photoelasticity, and experimental mechanics.

Charles H. Philbrick was featured in *Look* Magazine recently with a four-page picture-story. In commenting on his first book of poems, "Wonderstrand Revisited," the story described Philbrick as "a new young American poet with an original idea; one who writes with power about New England, his native land." Among the 10 pictures used was one of our classmate passing through the Van Winkle Gates in the traditional Commencement Procession.

Max Montgomery is teaching at Wellesley High School, Wellesley, Mass. His address remains 17 Lancaster Drive, Westwood.

1945

Dave Bell, who last July was named Executive Secretary of the Rhode Island Commission to Encourage Morality in Youth, was replaced in December by the man he succeeded in what the *Providence Journal* called a "demonstration of bureaucratic bungling almost beyond belief."

Dave's predecessor was dropped because of his failure to take a civil service exam for his position, only to be reinstated six months later after his appeal to the Personnel Appeal Board was upheld by a 5-3 vote. Dave has appealed the decision. Last summer, shortly after taking over his new duties, Dave was praised in a *Providence Bulletin* editorial for his "sophisticated approach to the improvement of young people's reading habits." His program was based on the assumption that if we are to expect our children to read good books, we must read ourselves.

Ralph A. Whitney has become General Sales Manager for the Green Mountain Power Corp., with headquarters in Burlington, Vt. He had been Power Sales Engineer in the Woonsocket division of the Blackstone Valley Gas and Electric Co.

John F. Falconer has joined two friends in the establishment of an architectural firm on the top floor of the Levy Bldg., 318 Main St., Greenfield, Mass. The firm, which is registered in Massachusetts, Vermont, and Maryland, offers complete architectural service, which includes analyses, design working and detail drawing, structural and mechanical engineering, and project supervision. John earned his architectural degree from Cornell in 1954.

1946

Edward N. Clarke is a founder and Vice-President for Operations of a new company, National Semiconductor Corporation, located in Danbury, Conn. The firm was established in June, 1959, for the purpose of manufacturing and marketing high quality silicon transistors of the types used primarily in military applications. The company sold its first products in late 1959, and since that time shipments have increased to the rate of \$200,000 per month. With sales continuing to mount, the backlog of orders has passed the million-dollar mark.

1947

G. Thomas Gates, Lebanon, Pa., attorney, has been appointed to the county's vacant judgeship by Gov. David L. Lawrence to fill an unexpired term. The appointment for the Republican lawyer runs until the first Monday of January, 1962.

1948

Minerva University in Milan, Italy, has conferred its highest award on Dr. Domenic A. Vavala—the University's Academic Palms in Gold. He has returned to this country after teaching and studying at Minerva. An Air Force physiologist, Captain Vavala was on leave from the Incarnate Word College. He paid a holiday visit with his family in Providence before going back to Cannon AF Base, where he is Chief of Physiological Training at the 832rd Tactical Hospital.

Donald M. Joseph is President of the General Alumni Association of Peddie School.

Dr. Philip J. Bray had a part in an article entitled "Glass," written by Prof. Charles H. Greene of Alfred University and appearing in the January issue of *Scientific American*. The article contains

a pictorial presentation of glass structure studies carried out by Dr. Bray, a member of the Brown Physics Department. The work has confirmed suggestions of some 30 years standing as to the arrangements of boron and oxygen atoms in glasses containing boron oxide and alkali oxides. These studies, based on the interactions of atomic nuclei with their surroundings, are presented in greater detail in a chapter of the book, "Modern Aspects of the Vitreous State," recently published by Butterworths of London, England. The chapter, entitled "Nuclear Magnetic Resonance Studies of the Structure of Glass," was written by Dr. Bray in collaboration with Dr. Arnold H. Silver, who worked with him as a research assistant during the course of the studies.

Benjamin Latt, Hospital Administrator of the Maple Grove Medical Care Facility, Grand Rapids, Mich., has been selected as a member of the newly organized Hospital Advisory Committee to the Social Welfare Commission of the State of Michigan. The Committee is to exchange ideas and present problems to technicians so that the Commission may have the best possible advice prior to making decisions on hospitalization and nursing home care for clients with grants from the State.

Edward H. Cafferty, a Systems Analyst with New England Tel. & Tel., Boston, has been assigned to a project engaged in putting into operation an IBM 7070 Computer similar to the one that was installed in the Brown Computing Center. The Telephone Company will use its machine for payroll, billing, and other company operations.

Overseas Educator

IN 13 COUNTRIES of Europe, North Africa, and the Middle East some 8500 members of the U.S. Armed Forces are enrolled in the European Division of the University of Maryland. Dr. Ernest Hofer '45 is the Acting Director of this unusual educational program. He had been Associate Director since 1957 and took on new duties when the Director, Gen. Herman Beukema, died on Nov. 26. Headquarters are in Heidelberg.

A former Education Adviser with the U.S. Air Force at Mildenhall/Lakenheath, England, Dr. Hofer taught English at the Taft School, at Brown, and at Cornell. He received a Brown A.M. in 1947, then began work for a doctorate at Ithaca. A two-year Fulbright fellowship enabled him to go to Oxford University, where he received the graduate degree of B.Litt. in 1952 and returned to get his Ph.D. at Cornell. He had also worked as a copywriter for a London advertising agency and as a professional piano accompanist. He joined the University of Maryland staff in 1954 as assistant to General Beukema.

George T. Kitchell has left Cincinnati for Puerto Rico, where he is with Caribe General Electric, Inc., in Palmer.

1949

Peter F. Kenton is with the Société Française des Services Techniques, 52 Avenue des Champs Elysées, Paris 8. He gives his title as "Directeur Administratif."

Clifford Duxbury, Manager of Marketing Services at Norton Co., has been named to the newly formed School Needs Study Committee in Paxton, Mass. The committee is studying the best way to expand Paxton's school system.

Professor David Laurent has been engaged by the Boston Symphony for two concerts this spring.

1950

Moses Kando, Pawtucket attorney, took the oath of office in December as Second Assistant U.S. District Attorney. The oath was administered by Judge Edward W. Day '22. In taking the position, Kando noted that he was aware of the impending change in national administration and so had no illusions about the permanency of his job. "Even if it proves to be of short duration," he said, "I expect the experience will be of value to me as a lawyer in general practice."

Emil John is in his second year at the Yale Divinity School. He is employed full time during the summers and three nights a week during the school year as a reporter for the *Providence Journal*.

Robert C. Dunham has been appointed Sales Manager for Osman-Amron, Inc., the real estate division of Amron Building, Inc., Cranbury, N. J., and also Amron-Moss, the custom developmental planning division. He had been working in the Delaware Valley area for the past decade in marketing and consumer sales.

Bruce Collins is Assistant to the Manager of the Greater Boston Chamber's Convention and Tourist Bureau. A former Field Executive for the Boy Scouts of America, he has been with the bureau since 1955.

Andrew P. Swanson had the pleasure of presenting the two Man-of-the-Year awards at the annual Christmas dinner and party of the Providence University Club.

Lt. George Chapin, who has been stationed in Berlin since Aug. 19, reports that the assignment is interesting and the city is fascinating. He had an excellent reason for missing the 10th Reunion—the wife was waiting for their first child. "Mary Alice is now close to six months old and she has really changed our lives."

Chuck Nelson managed a visit to the Campus in December while he and Gerrie and the children were spending part of the holidays with his in-laws in Newport. After lunching with a couple of classmates, Fred Kozak and Jay Barry, he spent the afternoon huddled with members of the Brown coaching staff, studying football films—natch! Chuck is a teacher and football coach at Scotch Plains High School, Middlesex, N. J. His team won its second conference title in two years with a 4-0-1 record, and the overall mark of 6-2-1

against some of the toughest competition in the State earned a high ranking for his Raiders. Employing the wide-open style of ball he played at Brown under Coach Rip Engle, Chuck picked up the nickname of "The Last of the Successful Gamblers." While attending the Heisman Award Dinner he bumped into an old friend and frat brother, Fred Franco '52.

1951

Herbert F. DeSimone, Providence attorney, was elected a member of the Executive Committee of the Republican State Central Committee in December. He has long been active in GOP politics.

James A. Coleman, Jr., is teaching English and Biology at Connecticut's Laurel Crest Academy. He is completing work toward his Master's at Trinity College.

1952

Joe Bowdring has been appointed Manager of the Disability Division in Chicago for Fireman's Fund Insurance Co. He has been in the insurance field since graduation.

The Rev. Harrington M. Gordon, Jr., new Rector of Trinity Episcopal Church, Cranston, was one of two men named Chaplains of the Rhode Island State Police. The first chaplains in the history of the force were sworn in at ceremonies at the Scituate headquarters in December. The Superintendent said that the men will offer spiritual guidance to state police throughout Rhode Island and take part in state police ceremonial functions.

Curtis B. Schwartz of New Bedford was rated one of the 10 highest in an examination for Certified Public Accountants. He is employed as senior accountant with the New York firm of Price, Waterhouse and Company and is an Instructor in Accounting at Columbia.

Carl Leone has been named Head Football Coach at his Alma Mater, North Quincy High. He had been Assistant Football Coach there since 1955. One of



CHARLES W. COLSON '53, representing the New England Council in Washington.

These Mortgages Are Big

IVOR B. CLARK, JR., '53, although only 30 years of age, has been described as perhaps the country's leading expert in arranging multi-million dollar mortgages. He is head of Ivor B. Clark, Inc., of New York and California, a firm that has arranged the financing for such structures as New York's Chrysler and Tishman buildings and hundreds of other office buildings, factories, shopping centers, and apartment developments all across the land.

"Some big institutions simply write checks when they build, but most companies don't like to tie up millions out of their operating funds in a real estate deal," Clark observed. "Hunting for capital themselves is tedious and risky. They can't be sure they will make the wisest deal—so they come to us. We are practically unique." Founded in 1929 by his father, Clark's operation is said to be the only firm in the country working every day at brokering multi-million dollar mortgages.

Brown's top quarterbacks of recent years, Carl played for three head coaches, Rip Engle, Gus Zitrides, and Al Kelley.

Donald Stehle is a Sales Application Engineer with C. P. Clare Transistor, Glen Head, N. Y.

Neil Schroeder is teaching at Clark University this year, while continuing his work for a Ph.D. He's an Instructor in Public Speaking.

1953

Robert F. Hewes has been appointed Executive Secretary of the Columbia Journalism Alumni Association. He also has been appointed Alumni Affairs Officer at the Graduate School of Journalism. He will direct the Alumni Placement program and edit the *Journalism Alumni Newsletter*. He had been Editor of the *Stratford (Conn.) News* and a writer for *Theatre Arts Magazine* in New York City. Most recently he had been associated with Bruthers Co., a public relations firm in Cleveland.

Charles W. Colson assumed new duties Jan. 1 as Representative for the New England Council, working out of its newly established Washington office. He had been Administrative Assistant to Senator Leverett Saltonstall for 4½ years. He will represent the Council before regulatory and administrative government agencies and work closely with the New England congressional delegation. Charlie is a graduate of the George Washington Law School.

Moris Teath has been named Manager of the Zayre department store in Agawam, Mass. He had been Assistant Manager of Zayre stores in Medford and Braintree, Mass., for the past year and a half.

Carl Stenberg is Instructor of English at Rhode Island College. He has been on

hand for most of the Brown basketball games this winter.

1954

Edward W. O'Malley has been promoted to District Group Supervisor in Pittsburgh by the Massachusetts Mutual Life Insurance Co. Ed joined the firm in 1955 and has been affiliated with the Pittsburgh office since its opening in 1957.

Lt. Henry C. Atwood, Jr., has been given command of the U.S.S. Henry County, and LST operating in Long Beach, Calif. Since his commission in 1954, he has served three tours of duty aboard destroyers.

John B. Hunter has been appointed Loss Superintendent in the newly established Claims Office in Manchester, N. H., of the Boston Insurance Group. He had been a claims adjuster in the Boston office.

Edward J. Beadle, a Senior dental student at the University of Pennsylvania, has been elected to Omicron Kappa Upsilon, national honorary dental fraternity for scholarship. He has served as Editor of the *Penn Dental Journal*, sixth oldest in the field in America, and is a member of the W. D. Miller Research Society. His address: 3740-52 Earlam St., Philadelphia 29.

1955

1st Lt. George M. Davis of Pawtucket survived the crash of a B-52 jet bomber over northern New York State in December. One of eight crewmen who bailed out of the crippled plane, he was found after 40 hours in rugged and snow-covered terrain, with temperatures near zero. His first act upon being rescued was to call his parents and inform them of his safety.

Victor Guinness is studying part time at New York University for his Ph.D. in Industrial Psychology, while working as a staff engineering psychologist for Dunlap & Associates. He is also a human factors consultant to the Post Office Department studying design of semi-automatic mail handling equipment.

Don Janis is a Ph.D. candidate in Linguistics at the University of North Carolina. He has a part-time position as Visiting Instructor at North Carolina College, a State-supported Negro college which has just celebrated its 50th anniversary. His new address: Box 137-B, Route 1, Durham, N. C.

Phil and Claire Jarvinen have moved from Seattle to Danvers, Mass., where Phil is employed as a Senior Engineer with Avco-Everett Research Laboratory in Everett. They and their two sons are living at 60 Burley St., Danvers.

Ed Hale is still associated with the Wind Tunnel Department at McDonald Aircraft, now called the Gas Dynamics Laboratory. Last year he helped plan and coordinate the shakedown and calibration programs of their two newest tunnels, the Mark 0.5 to 4.0 Polysonic Wind and the Mark 9.0 to 27.0 "Hotshot" Tunnel. Ed is living with two other bachelors in a rented home in St. Louis County, Mo.

Roland J. Dumont is a recent graduate of a multiple-line insurance course at the Education Center of the Travelers Insur-

ance Companies. He represents Travelers in his own agency in Bristol, Conn.

Dr. Len Labush, having completed internship at St. Luke's and Children's Medical Center and Philadelphia General Hospital, is established in the practice of podiatry at 10 Elmgrove Ave., Providence.

Bill Kelley, West Coast Editor for Doubleday, reports being "snowed" by the following rather impressive list of activities: Lecturing for W. Colston Leigh, the lecture agent, throughout the West and Midwest; collaborating with Joe Pasternak in a novel; working on a second novel set in the Hudson Valley; and doing several screen plays, one on his novel, "Gemini," published in 1959.

Paul Letiecq has left the insurance business to prepare for the ministry. He is enrolled at Princeton Seminary and is living at R.D. #1, Edinburgh, Trenton, N. J. He is occupied week ends as Senior High Youth Director at the Second Presbyterian Church, Rahway.

Dick Khachian has just moved to 250 Shelter Rock Rd., Fairfield, Conn. He is still practicing law in Norwalk, hoping for an assistant clerkship in the Stamford Superior Court. He is serving as local chairman for the 1961 March of Dimes.

1st Lt. George Kern is serving with a troop carrier squadron based on Okinawa, flying C130 aircraft. He expects to remain on the island with his wife and three children until next December, unless the new government order on dependents overseas intervenes.

This is too old to be "news," but last summer in Norfolk we were fortunate enough to get together for dinner with Jim Corbridge and Marty Schwalberg. Jim was about to check out of the Navy after a tour as instructor at the Fleet Air Intelligence Training Center there. He later began law studies at Yale. Marty was just in town for a two-week Naval Air Reserve cruise, taking a respite from his job as Assistant Projects Officer with Grumman Aircraft on Long Island.

Thomas E. Walker of G. H. Walker & Co., has been named Secretary-Treasurer of the Rhode Island Association of Investment Firms.

Cameron P. Quinn, a partner with Quinn & Quinn, Industrial National Bank Bldg., Providence, has opened evening law offices at 1009 Main St., West Warwick.

Capt. Ralph Lary, USMC, is at the U.S. Naval Postgraduate School at Monterey, in the second year of the Engineering Electronics curriculum. He reports that Jim Funk is also there taking Ordnance Engineering. Ralph anticipates a Master's degree in 1962 and expects to stay on in the Corps as a career officer.

Colman Levin, a trainee with the Lily-Tulip Cup Corp., expected to be doing sales work in the metropolitan New York area after the first of the year. He was anticipating a Mexican holiday in December, with some rather impressive sight-seeing in prospect.

Barry Lougee of South Berwick, Me., sales representative for M. F. Blouin Exhibits, Inc., finds himself traveling rather extensively throughout the East. Barry finds time, however, for a family of three girls, as well as for a considerable amount

of officiating at college soccer in Northern New England. He reports seeing Dave Bullock and Marty Mullins occasionally around Boston. He still gets together in the summer with Bill Joel and his wife.

I have left the Navy after five years, and I am teaching at the York Country Day School in York, Pa. The best part of the arrangement is the accommodations. Along with wife, son, and dog, I am occupying a great brick farmhouse on a hilltop in Wrightsville, Pa., with a marvelous view of the Susquehanna River.

HERB MELENDY

1956

Dodd Wragg was drummed out of the Army last June with a Good Conduct Medal and a discharge in his hand, and, after a short vacation, he went to work for Vitro Laboratories in Silver Spring, Md., as a teacher with the training group. He and June are comfortable in their small Cape Cod rambler at 5706 Ridge-wood Ave., Rockville, Md.

Barry Greene, Hartford attorney, has formed a law partnership, Kagan and Greene, with offices at 945 Asylum Ave. He had been associated with the law firm of Ribicoff and Kotkin.

George A. Chapman is District Group Sales Manager for the Massachusetts Mutual Life Insurance Company in Cleveland.

1st Lt. John O. Vanderhoop came back to this country late last fall from Frankfurt, Germany, where he had been stationed for three years. While overseas, he was sent on assignments to Italy and Turkey, and on his furloughs he traveled to Denmark, Norway, Sweden, and Paris and attended the World's Fair in Belgium.

George N. Boulukos and his bride honeymooned for six weeks in Greece and sailed the Aegean Islands for four weeks with a 30-foot sloop.

Edwin F. Lewis has been appointed to the Chem-o-sol Sales Division of Chemical Products Corp., East Providence. He is in charge of sales correspondence and promotion of the company's formulation of vinyl plastisols.

Dan Morrissey, taking courses toward his Ph.D. at Georgetown, is working part time at the Library of Congress. He and Barbara are living in new quarters at 5621 Hamlet West, Sanger St., Alexandria, Va.

Your Secretary's address was listed on the back cover last month in necessarily abbreviated form. Should anyone wish the initials interpreted, the comprehensive address is as follows: 2nd Lt. Marvin L. Wilenzik, Box 227, Officer & Enlisted Student Co., Provost Marshal General's School, Fort Gordon, Ga.

MARV WILENZIK

1957

LT(jg) Robert G. Hummerstone has completed two years in Yokosuka, Japan, where he was attached to the Intelligence Staff of Commander Naval Forces, Japan. His new duty station is Washington, D. C., where he will be with the U.S. Naval

Security Station until his release from active service in August. Before leaving for his new assignment, Bob took a trip to Manila, Saigon, Bangkok, Angkor Wat, Calcutta, New Delhi, and the Taj Mahal during his two-week leave.

David Colinan, a representative of the Gorham Co., has moved to 308 Belmont St., Liberty, Mo.

1958

Edward H. LeZotte, after spending two years of service time in Germany, landed in New York on Christmas Eve and was a civilian again before the first of the year. He had served in Frankfurt for the past 18 months as a reporter for *Stars and Stripes* and as Editor of his own weekly newspaper, *The Guardian*.

Herbert E. Dunnington, who joined the staff of the Home National Bank of Whitman, Mass., in 1958, has been named Manager of the new East Side Office. He began his duties with the bank in the Bookkeeping Department, later being transferred to the Discount and Collection Department.

Richard Seid is an executive trainee in Ted Bates & Co., New York advertising firm, and enjoying every minute of the job. This is quite a switch from Columbia Law School, where he spent the last two years, but one that is working out well.

Lionel R. Etscovitz is teaching English at the Elizabeth S. Brown School in Swansea, Mass. He did his graduate work at Boston University.

Charles S. Watson has been named an agent with Arthur A. Watson & Co., general insurance agency in Hartford. After two years in the service, he served for a while as a life agent with the Occidental Life Insurance Company of California.

1959

Lincoln S. Beaumont, Jr., is a second-year student at Johns Hopkins University, where he is studying under a fellowship grant. His concentration is European affairs.

Ens. Kenneth H. Hauck, Jr., is attending the Air Control Course at the Naval Combat Information Center School in Brunswick, Ga.

Ens. Norman B. White is serving with the Florida Group Atlantic Reserve Fleet at Green Cove Springs as Assistant Security Officer. The mission of the Florida group is to maintain ships for the operational forces in case of an emergency.

1960

William R. Feeney and Peter Kallas have entered the School for Advanced Studies of the Johns Hopkins University. Bill is studying toward a Master's degree in the area of European affairs. Pete is studying under a fellowship in the field of African affairs.

Ens. David A. Belden was graduated from the Officers Candidate School at Newport in December. Dave, who stood fifth in his class, reported to the ocean minesweeper Fidelity for duty.

Ens. Jay B. Burns was another December graduate of the school. He headed to the Supply School at Athens, Ga.

2nd Lt. John S. Moyle, USMC, was graduated from OCS at the Marine Corps School, Quantico, Va., in December and is now taking the 26-week Basic School course required of all newly commissioned Marine officers.

Bob Mazzeo is with Arrow-Hart & Hegeman, Hartford electric company. At present, he is in the Motor Control Division of Industrial Sales. He's living at 202 Washington St.

Lawrence Ackman has been discharged from the Army after serving a six-month term. During the last seven weeks of the term he taught fire direction and control at the Fort Sill Artillery and Missile School. Larry has taken a temporary position on Wall Street until next fall, when he will enter the Harvard Business School.

Bruce Barton is doing graduate work at the Iowa Child Welfare Research Station at the State University of Iowa, working toward a Ph.D. in Child Development and Guidance. He has a research assistantship there.

Bob Carlin is with Equitable Life Assurance Co., training with the Group Department in Springfield. He expects to be transferred shortly to Syracuse to complete the program. Last fall he played some football with the semi-pro Providence Steam Rollers.

John Caswell, who entered Columbia Business School right after graduation, hopes to receive his M.B.A. next September.

Roger Colter is a salesman for the Stanley Works in New Britain, Conn., but Uncle Sam is reported to be hot on his trail.

John Dillon is studying at Brown in the M.A.T. program. Last fall he served as Assistant Line Coach with the Freshman team.

Richard Draves is another classmate studying at the Harvard Business School. He spent last summer working for International Harvester in Heidelberg, Germany. While there, he spent one week in Berlin attending a student seminar on "Economic and Political Problems in the Free City and the Soviet Zone."

Cliff Ehrlich is employed by Monsanto Chemical in Everett, Mass., in the Personnel Department. He is attending Boston College Law School in the evenings.

Arthur Fine is studying at the Harvard Graduate School of Arts and Sciences in the Department of Applied Physics and Engineering. He expects to receive his M.Sc. in June, and then he plans to return to work toward his Ph.D. in the Department of Applied Math.

Bill Hansen was graduated from the Officer Candidate School in Newport Dec. 16, and then it was off to Georgia for six months at Supply School.

David Berger is attending Harvard Graduate School, studying Geology.

Stuart Berman is at the Columbia Law School.

HOWARD A. CROOK

Carrying the Mail

"Finest . . . on Rowing"

SIR: John Escher's article, "Why Encourage Crew at Brown?" is without a doubt the finest American article on rowing to appear in the past year. Only rarely does one find crew discussed with such insight and without the sickening sentimentality encountered in national sports magazines.

I believe that Mr. Escher's views of the sport deserve publicity among those now rowing and those contemplating giving rowing a try.

THOMAS G. KUDZMA
Club Rowing Coach
Phillips Exeter Academy

The Glee Club Record

SIR: I hasten to write of my extreme pleasure in the new recording by the Brown Glee Club. My interest in the Club and in Brown songs, in particular, has been of long standing, and I think Mr. Kunzel and the Club have produced a winner. We're all glad to have it.

"Alma Mater" and "Chapel Steps" (Brown's finest song) are excellent in their rendition. By the way, it's nice to hear all three verses of "Alma Mater," for so many know only the first. The revival of two older songs is of interest, too.

The new arrangements of the Football Medley may startle some old grads, but

this is how the Glee Club sings them in concerts. They are well done. Doubtless the more familiar tempo will survive at the football games.

Side Two—all concert numbers—do credit to the best in choral singing. Mr. Kunzel must be blessed with a lot of good voices, but his leadership and ability to get results are outstanding, too. The 1960 recording is a real achievement.

LARI M. PEARCE '17
Providence

(The writer has probably directed more Brown men in the singing of Brown songs than any other individual. His comments, therefore, have particular relevance.—Fd.)

Attacking a Bull

SIR: We raised an eyebrow as we read Buster's little squib about a speaker at Brown comparing himself to a bull in a bull fight. It is obvious that you don't know much about bullfighting when you said people know "what happens to the bull in the end." Actually, the approach is very different: it's frontal, between the eyes.

AFICIONADO

Gifts for Upkeep, Too?

SIR: The Messengers for Brown's Expansion are abroad. They talk nicely, like

high-grade Americans, as they present their goods. And they have fine goods to offer.

Some years ago Yale received a flood of great gifts from Harkness and others, and subsequently learned that you can get poor through Upkeep. My understanding is that there is now a policy in New Haven that they require a trust fund to support the operation, along with the donation for construction, if it is for a "named" building. Perhaps this is wise.

J. W. DOWS '99
Bridgeport, Conn.

Alas, the T Was Missing

SIR: You say, in your October issue, that "The Brown Club of Rhode Island will continue to set up the colorful ten on Aldrich Field on the morning of each home football game." Just who are the "colorful ten"—I mean, the other nine, in addition to you?

ROBERT M. CROSS
Bowdoin College

Josiah and Laura

SIR: I just heard yesterday about Josiah S. Carberry, and I am intrigued by his dynamic personality as described in your magazine. I am enclosing a dollar which I would like given to the Laura Carberry Library Fund. I am so pleased that the fund is in Laura's name, as I feel that all of we women should stick together.

CELIA A. DERRWALDT
Milwaukee

(Alas, Mrs. Derrwaldt, Professor Carberry set up the fund as "a memorial to my future late wife," but stipulated that it should be known as the Josiah S. Carberry Fund.—Ed.)

A Carberry Locale

SIR: I noted with interest the illustrations accompanying the article entitled "The Life and Times of Professor Carberry" in the December issue. I wrote to Paul Fisher of United Aircraft, who confirmed my belief that the picture on page 10 and one on page 12 were taken at the Pine Grove Association in Canaan, Conn.

My grandfather, Elbert O. Hull '91, was at one time President of that same Pine Grove Association. My family continues as property owners and stockholders in Pine Grove, which has changed only slightly since those pictures were taken. It is, indeed, a charming place.

DOROTHY HULL VON HACHT
Pembroke '45
Milford, Conn.

SIR: Mr. Dickinson's article on Professor Carberry is a windfall. I wanted a copy for a correspondent in San Diego, who has written me very fully and interestingly about a character out there named the Honorable J. Fortescue. He was founder of the International Board of Hygiene, an entirely mythical organization which was, however, officially recognized by the United Nations and by several national governments. The Board of Hygiene also certified that ABC beer was non-fattening and was thus quoted in its public advertising. Fortescue was listed in "Who's Who in San Diego."

WATSON SMITH '19
Tucson, Ariz.

Williston Called Him Back

WE DIDN'T ENJOY watching Wes Moulton '31 cleaning out his office in Alumni House the other afternoon. He was making a move that was attractive to him, returning to his early allegiances at Williston Academy to become its Alumni Secretary. If this was what he chose, then the thing to do was be glad with him.

But the odds and ends around his old office were reminders of all he had done for Brown in his 14 years on its staff. There was personal warmth as well as achievement in many of his souvenirs, and both will be missed.

Westcott E. S. Moulton came back to Brown in 1946 as Assistant Professor and Director of Physical Education and Intramural Athletics. He did not rest, however, until he saw hockey returned to the sports program on the Hill. As an undergraduate he had been an All-American on the ice, and he took the initiative in persuading the University to restore hockey to Varsity status.

His coaching efforts saw their greatest reward in 1951 when his team went to the finals of the NCAA championships in Colorado Springs. Subsequently he was asked to coach the United States hockey team for the 1952 Olympics but was unable to accept the honor because of his college duties. He is an honorary life member of the American Hockey Coaches Association, of which he was Secretary-Treasurer for six years. He is also an honorary Life President of the R.I. Hockey Officials Association, which he organized and led for 11 years.

In 1952 Moulton was brought from Marvel Gym to University Hall to direct student activities as Associate Dean of Students. One of his moves was to initiate

the Fraternity Community Service program, recognized by the J. Richmond Fales Trophy. In the six years of competition for this award, fraternity men have been encouraged to contribute more than 23,000 man-hours of service to the community.

Moulton became Secretary of the Brown University Fund in 1958, in which post his intimate friendship with hundreds of alumni was an invaluable asset. He became its Executive Secretary a year ago. As President of the Class of 1931, he saw it set a pattern for 25th-reunion giving which was a challenge to others. This year he has been on the road with assignment to the Bicentennial Development Program. While in fund work, he has appeared on several programs of the American Alumni Council.

Moulton's tie with Williston remained strong throughout this period, and he was President of the R.I. alumni group. Returning to Easthampton, Mass., early in January, he will direct fund raising and edit the alumni magazine in addition to general supervision of the alumni program for Williston. He will also teach history, the field in which he received a Cornell A.M. in 1939 and did further work toward a Ph.D. at the University of North Carolina and Stanford.

After graduation from Brown, Moulton joined the staff of Pomfret School as Director of Athletics and Physical Education, coaching three sports and teaching history. His three years in the Navy included convoy duty in the North and South Atlantic as a Lt. Commander. Before coming back to Brown he was an Instructor at Yale and assistant hockey coach.

Community service has always been attractive to Moulton. He recently com-



WES MOULTON: He took his souvenirs.

pleted a term as President of the Federal Hill House, and he held a number of volunteer posts in the Boy Scout movement, including those of Commissioner and District Chairman for Providence. He was Chairman of Volunteer Services for the R.I. Council of Community Services, in addition to interest in the Butler Health Service, R.I. Hospital, YMCA, and Community Chest.

His colleagues on the Hill gave him a send-off dinner in December, at which he received tributes of appreciation from President Keeney and Provost Bliss. He was given a Brown Chair, but he is not the sitting sort. He is a great addition to the Williston scene and a loss to ours.

Bureau of Vital Statistics

MARRIAGES

1934—Laurence C. Brown and Miss Martha Horan, daughter of Mr. and Mrs. William Horan of Troy, N. Y., June 25. Roland K. Brown '33 and Kennerley Brown '38 ushered. At home: 49 Blaisdell Ave., Laconia, N. H.

1953—Harry W. Newhard and Miss Jean McW. Hamilton, daughter of Mr. and Mrs. Charles D. P. Hamilton, III, Nov. 26. Chapin S. Newhard '22 is the groom's father.

1955—Raymond Green, Jr., and Miss Gail Demoranville, daughter of Mr. and Mrs. Arnold Demoranville of Fall River, Nov. 26. Ushers included Ernest Fell '55. At home: 373 North Main St., Fall River.

1955—G. William Hamilton and Miss Harriette Roemer, daughter of Mr. and Mrs. William J. Roemer of Marion, Mass., Dec. 17.

1955—Charles A. McAlister and Miss Florence A. Orlando, daughter of Mr. and Mrs. Guino Orlando of Walpole, Mass., Oct. 23. William H. McAlister '53 ushered for his brother. At home: 37 South St., Foxboro, Mass.

1955—Marvin Schwartz and Miss Betsy Klein, daughter of Mr. and Mrs. Charles H. Klein, June 16. Ushers were Thomas Simon '54 and Charles LeBlond '55. At home: 3107 Kimmont St., Cincinnati 8.

1956—George N. Boulukos and Miss Katherine R. Tsamopoulos, daughter of Mr. and Mrs. Nicholas Tsamopoulos of Astoria, L. I., N. Y., Sept. 25. Ushers included Edward P. Kelly '56 and Joseph M. Daley '56. At home: 210 S. Atlantic Ave., Lynbrook, N. Y.

1956—Lonis D. Eigen and Miss Christa Buhler, June 12. The bride is Pembroke '56. At home: 3801 Hudson Manor Terrace, Bronx 63, N. Y.

1956—Richard E. Sackett and Miss Lillian V. Lenart, daughter of Mr. and Mrs. Salvatore Chapparoni of Monroe, Conn., Nov. 12. Reuben H. Patey '56 was best man. William Pringle '56 and John Hines '56 ushered. At home: 2 Putnam Hill, Greenwich, Conn.

1956—Robert L. Webb and Miss Anita DeClemente, daughter of Mr. and Mrs. Eugene DeClemente of Providence, Feb. 11. The bride is Pembroke '59.

1957—William P. Narkiewicz and Miss Elizabeth A. von Gal, daughter of Mr. and Mrs. Irving J. von Gal of Washington, Conn., Nov. 12. At home: 30 Forest St., Hartford.

1957—LT(j.g.) Clifford Olivera, USN, and Miss Nancy Seidl, June 18. The bride is Pembroke '60. At home: 40 Tower Rd., North Kingstown, R. I.

1958—Carl E. Aronson and Miss Marjorie P. Boutelle, daughter of Mr. and Mrs. Myron T. Boutelle of Edgewood, Dec. 17.

1958—Charles D. Hackett, Jr., and Miss Marlene E. Adams, daughter of Mr. and

Mrs. Joseph R. Adams of Buffalo, Nov. 19.

1958—LT(j.g.) Charles L. Hughes, Jr., USN, and Miss Elizabeth M. Zawalik, daughter of Mr. and Mrs. Paustine Zawalik of Northampton, Mass., Dec. 26.

1959—Winfield S. Bearce and Miss Diane L. French, daughter of Mr. and Mrs. John R. French, Jr., of Westwood, Mass., Nov. 19. Noel S. Bearce '57 was best man for his brother. J. Russell French '59 ushered.

1959—Thomas A. Ciccone, Jr., and Miss Penelope A. Hedges, daughter of Mr. and Mrs. George E. Hedges of Beacon, N. Y., Nov. 19. At home: 1134 Milledge Ave., Athens, Ga.

1959—Donald E. O'Brien and Miss Julianne H. Shartzter, daughter of Mr. and Mrs. William B. Shartzter of Atlanta, Dec. 28. The groom's father is Eugene W. O'Brien '19.

1960—Hubert Allen and Miss Marian Ahrens, Oct. 2. The bride is Pembroke '60.

BIRTHS

1939—To Mr. and Mrs. Robert L. Whitehead of San Francisco, their fourth child and second daughter, Pamela Jill, May 3.

1940—To Mr. and Mrs. Allen B. Williams, Jr., of Rumford, R. I., their third child and first daughter, Kathryn Pauline, July 22.

1946—To Mr. and Mrs. Edward N. Clarke of Ridgefield, Conn., their fourth child and third son, Jeffrey Brian, Aug. 7. Mrs. Clarke is the former Vivian Bergquist, Pembroke '49.

1947—To Mr. and Mrs. Elliot T. Bugbee, Jr., of West Orange, N. J., a son, Jeffrey Todd, May 27.

1950—To Mr. and Mrs. Edgar D. Beacham of Chatham, N. J., a son, Jeffrey Bockalew, Aug. 15.

In the Malayan Embassy

THE NEW Japanese Ambassador to Malaya is Wataru Okuma, who was a special graduate student at Brown in 1931 and 1932. A career man in the Foreign Service he had previously been Consul General for Japan in Chicago, according to Paul Gleeson '32, who has kept in touch with Okuma by mail since their friendship as students.

1951—To Mr. and Mrs. Sheldon Blazar of Bronxville, N. Y., their first child, a son, Bradford Harris, Oct. 6.

1951—To Mr. and Mrs. Edward Glowka of Montreal, their fifth child and third daughter, Mary Beth, Dec. 4.

1951—To Mr. and Mrs. William A. Henry, Jr., of Providence, their fifth son, David Kenneth, Dec. 9.

1952—To Mr. and Mrs. Frank A. Bartolomeo of Westerly, R. I., their fourth child and fourth son, Bruce David, Nov. 16.

1952—To Mr. and Mrs. Daniel M. Garr of Rochester, N. Y., twins, a son, Jeffrey Charles, and a daughter, Susan Rebecca, Nov. 8.

1953—To Mr. and Mrs. Norman A. James of Wilmington, Del., their first child, Martha Louise, Dec. 6.

1955—To Mr. and Mrs. Philip Jarvinen of Danvers, Mass., their second son, Denis Wade, March 18.

1955—To Lt. and Mrs. George W. Kern, USAF, a daughter, Susanne Marie, July 30.

1955—To Mr. and Mrs. Paul H. Leticq of Trenton, N. J., their third son, Andrew Chipman, Oct. 17.

1956—To Mr. and Mrs. Carl H. Seligson of Montreal, their second child and second daughter, Barbara, Nov. 22.

1957—To Mr. and Mrs. James C. McCurrach, Jr., of Brooklyn, N. Y., a son, James Crampton, III, Dec. 9.

1957—To Mr. and Mrs. Richard P. Nathan of Bethesda, Md., a son, Robert Joseph, Nov. 10.

In Memoriam

DR. WILLIAM HENRY SMITH '92, physician, diagnostician, and a "master in the art of teaching clinical medicine," in Newton, Mass., Dec. 1. He received his M.D. from Harvard Medical School in 1897 and proceeded to Vienna for a post-graduate year at the University of Goettingen. Known to five decades of medical students at Harvard as "Big Bill," he was an Assistant in 1900 and Faculty Instructor in Medicine from 1910 to 1930. During 40 years at Massachusetts General Hospital, he was physician, visiting physician, and member of the Board of Consultation; he was named Honorary Physician in 1942.

His ward rounds were a "model of bedside teaching." Alpha Delta Phi. Phi Beta Kappa.

ISAAC B. MERRIMAN '97, textile manufacturer, in Warren, R. I., Dec. 11. He had been General Manager for several large textile concerns, including the Manville-Jenckes Co. and its two predecessor companies, the Manville Co. and the Jenckes Spinning Co. Before retirement in 1943, he was General Manager of the Lippitt Woolen Mill, Woonsocket. His directorships included: American Winger Co., Chamberlin Corp., Para Thread Co., the Rhode Island Hospital

Trust Co., and the former Rhode Island Insurance Co. He gave valued service for years on the St. Andrew's School Board. He was a former Commodore of the Warwick Country Club Yacht Squadron and a member of the New York Yacht Club. In years of competition a notable victory was with the Barbara, winner of the King's Cup. President of his Class, he was often a reunion host and leader in other Class activities. Psi Upsilon. His daughter (Mrs. Gordon L. Parker, 72 Barnes St., Providence) is the wife of Brown University's Treasurer.

OLIVER PERRY HUSSEY '99 in Brookline, Mass., Nov. 3. He was a well known Boston business man as owner of Oliver P. Hussey Co., manufacturers' representative. His death was attributable to a stone sent hurtling through his car window by a wrecking crane. He had been President and Treasurer of the Phillips Rubber Co.; Treasurer and Trustee of Standard Securities Co., Boston; President of Sanford Rubber Works; Assistant Manager, M. G. Wight & Co., Lowell; during World War II he had administrative duties at the Navy's Hingham Shipyard. He had been a Trustee of the Nashua Public Library. Phi Beta Kappa. His widow is Louise Hussey, 45 Dwight St., Brookline.

LORA ELMER BEAMAN '01 in Providence, Nov. 26. Until his retirement he was a draftsman and salesman for the former Beaman-Smith Co. His sister is Mrs. Irene B. Skelton, 1145 Narragansett Blvd., Cranston.

ELMER ELLSWORTH BUTLER '03 prepared his own obituary some years before his death in Westboro, Mass., Jan. 1: "He was in newspaper work 41 years, serving as reporter, suburban and night editor of the *Springfield* (Mass.) *Union*, night editor of the old *Boston Journal*, news editor and Assistant Managing Editor of the *Boston Traveler* from 1918 to 1926, when a severe illness caused him to give up the job and return to copy-editing. He was with the *Traveler* 34 years, retiring on a pension in 1945." He had a country home in Newton, N. H., for many years and, during one period of year-round residence, served on the School Board. Delta Upsilon. Phi Beta Kappa. His widow is Addie Libby Butler, 2 Cross St., Westboro.

FRANK CARIER TAYLOR '09, retired Superintendent of Rochester Gas & Electric Corp., in Rochester, N. Y., Nov. 29. He received his B.S. degree in Electrical Engineering from M.I.T. in 1911, as well as his Brown Ph.B. With RG&E, he worked with most of Rochester's major industries as a consulting engineer on electrical problems, retiring in 1951. He had been active in Scouting, the American Institute of Electrical Engineers, and the Rochester Chamber of Commerce. Beta Theta Pi. Phi Beta Kappa. Sigma Xi. His widow

"Big Bill's" House Officers

DURING the 40 years of service to Massachusetts General Hospital by the late Dr. William H. Smith '92, it was always an honor to be one of his house officers. They included dozens of young interns now famous in the world of medicine, among them: Dr. Arlie V. Bock, Emeritus Professor of Hygiene at Harvard; Dr. Robert F. Loeb, Professor of Medicine at the College of Physicians and Surgeons, Columbia University; Dr. F. Denette Adams, and Dr. Paul Dudley White.

"A little-known fact about Dr. Smith," said Dr. White in December, "was his persuasion of a patient to donate the first electrocardiograph to the Massachusetts General Hospital. It was this gift which resulted in my being sent to London in 1913 to learn electrocardiography under Sir Thomas Lewis and to bring back the instrument so donated in the following year—one of the first electrocardiographs to be used clinically in the U.S.A."

is Carrie B. Taylor, 166 Shepard St., Rochester.

GEORGE EVERETT CASWELL '10 in Hyannis, Mass., Dec. 8. A Cadet in the U.S. Coast Guard Service, he was also a graduate of Hyannis State Teachers College in 1923. He was a schoolmaster and principal for 22 years and a Superintendent of Schools in Massachusetts for five. After a period as a hotel engineer in Florida, he returned to Cape Cod to operate an auto livery and trucking business. Beta Theta Pi. His son is George E. Caswell, Jr., '36, 36 Buckingham Pl., Milford, Conn.

RUSSELL CHARLES SMITH '10 in Cranston, R. I., Dec. 11. Former General Manager of the Cranston Print Works until his retirement in 1957, he was Vice-President and a Director. Trained for the textile field at L'Ecole de Chemie, Mulhouse, he joined Cranston in 1927 and became General Manager in 1931; under his direction, the company became the largest independent job printer and finisher of fine cloth in the country. When the company acquired plants in Webster, Mass., and Fleicher, N. C., he supervised all three operations. Well known in the business community, he was a Director and member of the Executive Committee of the Rhode Island Hospital Trust Co.; a Trustee of Citizens Savings Bank; and a Trustee of the R. I. Public Expenditures Council. He served the State on a post-war planning commission and many community projects, including the Rhode Island Hospital and YMCA. His brother is Justin E. Smith, Prospect St., Seekonk, Mass.

ORVILLE PRATT RICHARDSON '11, in a fire in their home in Attleboro which also cost his wife her life, Dec. 10. He had been a partner since 1912 in the H. K. & O. P. Richardson Co., one of the oldest insurance brokerage firms in Attleboro. He was a Trustee and member of the Investment Committee of the Attleborough Savings Bank, of North Attleboro. Alpha Tau Omega. His daughter is Cynthia Richardson, 60 West St., Attleboro, Mass.

JOHN J. LONG, M.Sc. '14, in Fryeburg, Me., Dec. 19. He had been Vice-President and General Manager of Horlick's Malted Milk Co. in Racine, Wis., and President of the Harbor Plywood Corp. in Washington. A graduate of Yale in 1907, he taught mechanical drawing at Brown for four years and was Assistant Professor of Engineering at the University of Cincinnati for three, leaving to enter the Air Service in World War I as a 1st Lt. He was a lecturer on corporation finance at N.Y.U. from 1922 to 1929. His widow is Corinne R. Long.

ROGER WILLIAMS '14 in New York City, Nov. 24. He was a patent attorney and partner in the Manhattan law firm of Richardson, David & Norden, specializing in foreign patents. As a young man he had been general chemist and engineer at the American Emery Wheel Works in Providence, later entering the manufacture of radios. He was a consultant and lecturer in the field of radio. He started his own firm as a patent attorney in 1936, joined Richardson, David & Norden in 1957, where his earlier experience also gave him special competence in electronics and electrochemicals. Paul Williams '26 is his brother. His widow is Odessa Williams, 134 West 23rd St., N.Y.C.

DR. FRED ALMA BRAGG '20 in Springfield, Mass., Nov. 7. He had been an osteopath there for 36 years, a graduate of the Massachusetts School of Osteopathy. In World War I he saw ambulance service with the French in 1917, moved to the Italian front in 1918, and became a Lt. Sigma Chi. His widow is Mary B. Bragg, 175 Bristol St., Springfield.

EDWIN CHACE WALMSLEY '22, Professor of Accounting at Wayne State University, in Detroit, Nov. 28. Recipient of an M.B.A. from Boston University in 1934, he did his first teaching at Cleary College and the University of Chattanooga before going to Detroit in 1930. He had taught earlier at the Institution for the Deaf in New York City. Active in alumni affairs for many years, he had been an officer of the Detroit Brown Club. Phi Beta Kappa. His widow is Hazel J. Walmsley, 14208 Montrose St., Detroit.

VINCENT JAMES RODDY '25, President of the American Screw Co., in Norwich, Conn., Dec. 8. He had been

a production engineer with Nicholson File Co. in Providence until 1933 when he joined American Screw as research engineer. He served as Assistant General Manager, Vice-President, and Executive Vice-President before taking the top post in 1958. He was also a Director of Noma Lights, parent company; the Willimantic Chamber of Commerce; Windham National Bank and Connecticut Bank & Trust Co.; and a Director of the Manufacturers' Association of Connecticut. Beta Theta Pi. His widow is Helen K. Roddy, 11 Mohegan Park Rd., Norwich.

JAMES MAGNER BARRY '26 of Lynbrook, N. Y., Oct. 7. He had been with the American Sugar Refining Company since 1946, notably as Supervisor of its Properties Division. Most of his career was in auditing and accounting, with such connections as Blackstone Valley Gas & Electric Co., Waypoysset Mfg. Co., Stone & Webster Service Corp., Western Public Service Co. (in Scottsbluff, Neb.), and Arthur Andersen & Co. of New York. He had been active in the Long Island Brown Club. His widow is Mary M. Barry, 154 Spencer Ave., Lynbrook.

GEORGE BEATTY CULBERTSON '27 in Bryn Mawr, Pa., Nov. 8. He was Sales Manager of the Allied Barrel Sales Corp. of Philadelphia, with which he had been associated for more than 30 years. Active in community concerns, he had been President of the Gladwyne Civic Association, President of the Lower Merion and Gladwyne Fire Departments, and a leader in Boy Scouts. Phi Kappa Psi. His widow is Jane K. Culbertson, 318 W. Conshohocken State Rd., Gladwyne, Pa.

RONALD PAGE SAMMIS '27 in Providence, Dec. 23. Before his retirement in 1959 he had been employed by the Oliver Johnson Paint Co. in its sales operation for 25 years. His widow is Marjorie A. Sammis, 175 Summit Ave., Providence.

HENRY OTTE, JR. '28 in Providence, Dec. 8. He was Vice-President and sales executive of Providence Lithograph Co., with which he had been associated for 30 years as purchasing agent and later in sales capacities. He had also been with the Norton Co. for two years previously. During World War II, he was a LCDR, USNR (Aviation), Executive Officer of CASU 30 and Administrative Officer of Fleet Air Wing 8, Hq. Squadron. Delta Phi. His widow is Madeline P. Otte, 69 Weymouth St., Providence 6.

HAROLD FRANCIS SECORD JONAH, M.Sc. '29, in West Lafayette, Ind., July 22. He was a 1927 graduate of Mt. Allison and received his Ph.D. from Purdue in 1941. Professor of Mathematics in Purdue, he had published several papers in the fields of analysis, number theory, and mathematics education. He

reviewed critically many college texts and was co-author of a general college math text and the Purdue Mathematics Training Tests which are administered to incoming freshmen. He was a member of the American Mathematical Society, the Mathematical Association of America, and the Indiana Academy of Science. Sigma Xi. His widow is Eleanor E. Jonah, 217 Pierce St., West Lafayette.

HUGH SLEVIN BUTLER '32 in the collision of airplanes over New York City, Dec. 16. He was Vice-President in charge of Sales for the Simmons Co., which he joined shortly after graduation. Among his many services as a loyal alumnus were terms on the Board of Governors of the Brown Club in New York and the Board of Trustees, Brown University Fund. (As noted in our last issue, the family suggested that memorial gifts might be made to the latter Fund.) Delta Kappa Epsilon. His widow is Loretta D. Butler, 9 Cross Rd., Darien, Conn.

GARLAND BALCH RUSSELL '33 in Upton, Mass., Nov. 28. Former Professor of Education and Director of Teacher Training at the University of Maine, he was head of the Mathematics Department of Algonquin Regional High School at Northboro, Mass. He received his A.M. from Brown in 1935 and his D.Ed. from Boston University in 1943. He served as Superintendent of Schools in Westboro and Dracut, Mass. Popular as a lecturer before 4-H groups in all parts of the country, as well as other audiences, he was a featured speaker before the 1958 National 4-H Club Congress. He had written on professional topics in the education press. He was a member of the American Association of School Administrators and Phi Delta Kappa and Kappa Phi Kappa, education fraternities. Phi Beta Kappa. Sigma Xi. His daughters survive: Linda and Virginia Russell of Worcester.

JAMES BENJAMIN RICKS '36 in Ashtabula, O., Aug. 14, 1959. He received his M.Sc. degree from Lehigh in metallurgy in 1940 and had been a metallurgical engineer employed by Union Carbide. He was active in such civic enterprises as County Planning and County Zoning Commissions, County Fair Board, 4-H, and Boy Scouts. His widow is Doris C. Ricks, 6309 Murray Ave., Ashtabula.

ROBERT REED PERSON '41 in Baltimore, Oct. 18. His professional life had been spent with General Electric as a sales engineer and department manager in the various GE areas. He received numerous promotions and was last transferred from Pittsfield to Baltimore four years ago to be Manager of Manufacturing, Insulator Department. While in Schenectady, he was President of the Brown Club of Northeastern New York, and he also served the Brown Univer-

sity Fund. Phi Kappa Psi. His widow is Marilyn M. Person, 29 Deborah Ave., Pittsfield, Mass.

JOHN HOLLAND BLAKE '43, architect, in East Greenwich, R. I., Nov. 27. He was a partner in the Providence firm of F. P. Sheldon & Son, specialists in industrial services, since 1946. He was permanent Chairman of the East Greenwich Development Commission and a former member of the Town Planning Board. During World War II, he was a Navy Lt. He held membership in the Providence Engineering Society and the American Society of Mechanical Engineers. His widow is Elizabeth R. Blake, 15 Harwood Rd., East Greenwich.

LEON CHARLES LEONI '43 in Albany, N. Y., Dec. 10. He received his M.Sc. degree in Engineering at Harvard in 1946 and taught for a time at Brown. Apart from a period at the Naval Research Laboratory in Washington, he had been with General Electric for most of his professional life and was a development engineer in the High Voltage Engineering Lab in Pittsfield. As a Lt. USNR, he commanded a Naval Mine Unit in World War II and received a letter of commendation. He was a member of the American Institute of Electrical Engineers. His widow is Beverly B. Leoni, 65 South Mountain Rd., Pittsfield, Mass.

WALTER CARR DRAYTON '46 in an airplane collision over New York, Dec. 16, as reported in our last issue. General Sales Manager for the Volco Brass and Copper Co. of Summit, N. J., he was returning from a business trip. He joined the company in Providence after wartime service in the Navy. Psi Upsilon. His widow is Margaret Duffy Drayton, 145 Oak Ridge Rd., Summit, N. J.

RICHARD IRVING STEVENS '49 in Madison, Wis., Nov. 27 as the result of injuries received in an auto accident. He had gone to Madison to take his doctoral exam at the University of Wisconsin (he received his M.Sc. there in 1951). He was Senior Pathologist at the State Fish Hatcheries in Rome, N. Y., having worked earlier in the Wisconsin Conservation Department. He was an Air Force navigator in World War II, with the rank of Lt. While a graduate student at Wisconsin, Stevens had received a grant for research in bovine mastitis and was a research assistant in the Department of Agricultural Bacteriology. He was a member of the Society of American Bacteriologists. Zeta Psi. His widow is Helena S. Stevens, RFD 3, William Rd., Rome, N. Y.

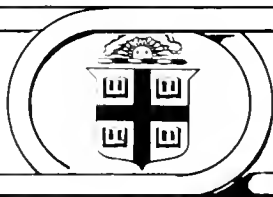
WILLIAM CHARLES GAESS, III, '59 suddenly in N. Y., Nov. 9. He was a field man for Young and Rubicam, New York advertising agency. Zeta Psi. His parents are Mr. and Mrs. William C. Gaess, Jr., 203 Wierimus Lane, Hinsdale, N. J.



THOMAS J. WATSON, JR. '37
*National Chairman
Bicentennial Development Program*

J. ANGUS THURROTT '31
*National Chairman
Brown University Fund*

**BICENTENNIAL
DEVELOPMENT PROGRAM**



**BROWN UNIVERSITY
FUND**

With a symbolic handshake, two well-known Brown alumni, J. Angus Thurrott '31, National Chairman of the Brown University Fund and Thomas J. Watson, Jr. '37, National Chairman of the Bicentennial Capital Gifts Campaign dramatize the partnership between the 1961 Brown University Fund and the Bicentennial Campaign. By joining forces, the Fund and the Bicentennial Campaign present each alumnus an opportunity to consider *one* gift to Brown in 1961 which will:

1. Represent his contribution to the Bicentennial Development Campaign.
2. Maintain his annual gift to the Brown University Fund during the period of his pledge payment (part of the dollar objective of the Bicentennial Campaign includes an amount to replace the normal unrestricted income

provided by the Brown University Fund. Therefore, when an alumnus gives to the Capital Campaign, he continues his regular annual support at the University.)

During 1961 the Capital Gifts Campaign Organization will continue the person to person solicitation of alumni throughout the country, telling the story of the Bicentennial. In the spring, Class Agents will begin a follow-up of classmates who for some reason were not reached by the Capital Campaign Organization. Thus each alumnus will have an opportunity to consider his gift to help the University meet the objectives of the Bicentennial Campaign.

Simply put, this means that each alumnus will have an opportunity between now and June 30, 1961 to make his contribution to the University either through the personal call of a fellow alumnus serving as a member of the Bicentennial Campaign team or through his Class Agent.

This book should be returned to
the Library on or before the last date
stamped below.

A fine is incurred by retaining it
beyond the specified time.

Please return promptly.

